G. R. S. 58]

Previous references.
Legis 21-05 & 1-3 A May 1906.
Med 930-06 & 42 B April 1907
" " & 3-4 B. Aug 1907
San 68-08 & 17 Nov. 1912 (Sanitary)
" 179-07 & 6+7 D April 09

~~Later references.~~
G.O. No 81.35-6/San 127-10-6 dt. 3.5.12
San 204-07 & 1-5 B June 1908.
" 126-08 & 1-57 April 1907
" 157-07 & 1-2 B. March 1908.
" 182-07 & 1-67 Nov. 1908.
" 110-08 & 1-77. Aug. 1912.
" 71-07 & 1+3 B Sept 1907.
" 71-07 & 2+4 B. Feb 07
" 71-07 & 5-10 B Aug 1908.
Med 129. 4

1917.

File No. 27-12

Serial Nos. 1-19

p 133

GENERAL AND REVENUE SECRETARIAT.

Serial Nos. 1-19

Part B for March 1917.

SUBJECT.

Proposals for the construction of a new building for the Public Health Institute.

G.O. No. 5837-40 & - 9.3.17

States that Govt agree with the present Sanitary Commr. that the idea of a new building for the Public Health ~~Department~~ Institute is unnecessary and may therefore be dropped and calls for submission of fresh proposals regarding any additions and alterations absolutely necessary in connection with the existing building, after taking into ~~account~~ the changes introduced by the recent order sanctioning the reorganization of the ~~Public~~ Sanitary Department as far as it concerns the Public Health Institute.

W D 1351—GPB—20,000—13-12-15

W.J. absence
23/3/17

658

G.R.S. 11] 1912-13

GENERAL AND REVENUE SECRETARIAT.

(Sanitary)

NOTES.

File No. 27-12

FILE HEADING.

Buildings for the public Health Institute

From

The Sanitary Commissioner,

No. 458 Dated 26.7.12. Received 29.7.12.

Diary No. 658	Enclos. /	Spare Copies.	Serial No. /

BRIEF ABSTRACT OF LETTER.

Forwards copy of letter no. 511 dated the 20th July 1912 from the Superintendent of the public Health Institute and requests early orders for the construction of public Health Institute and to designate the same as "The Krishnarajendra public Health Institute".

NOTES AND ORDERS.

In the copy of the letter referred to, the Superintendent of the public Health Institute explains the immediate necessity for the construction of a new Vaccine Institute at Bangalore. The Chief Engineer has been requested to forward the plans and estimates for the work in ques-

10.7.12

NOTES—First Sheet.

—30,000—12-8-11

G. R. S. 12]

General and Revenue Secretariat. | Simla File No. 27 of 1912-13

Serial No.

Health Institute.

Subd
Dr 9812

4 The question of a new building for the Vaccine Institute has been pending for some time. In April 1907, Govt required the Senior Surgeon to study the requirements of a model Institute & to suggest a work scheme. The Senior Surgeon forwarded in May 1907, plans & rough estimates for the construction of a new building near the Bacteriological laboratory, at a cost of Rs 52704. It was not found possible to include the amount in the budgets of that year or afterwards. In Feb 1911 the Senior Surgeon was asked to submit estimates & plans, reduced the cost to more manageable limits. But the revised estimates now submitted come to 91 810 Rs; the proposal being to construct a two-storeyed bacteriological main building, with officers quarters & other minor buildings, in the compound of the existing Bacteriological laboratory. The Chief Engineer requests orders as to the site proposed (about which there is some difference of opinion) & as to whether Govt are prepared to launch an outlay

NOTE—Contn. sheet.

GPB—65,000—17-6-12.

R. S. 12]

General and Revenue Secretariat. | Sm-File No. 27 of 1912-13

Serial No.

of ready a lakh of rupees on the buildings
Submitted for order
See 4) SPR 10/8/12

2nd Consulting
Dewan
WJ 10/8/12
SPR 13.8.12

5 The site now selected is a small one and is unsuitable for the purpose of the vaccine institute and this suitable site may be selected. The question of finances may be considered later on. It is not necessary that this shd be near the meteorological buildings as no harm will be in the Institute & Dr. Freeman now will have supervision over the work

2915 17/8/12

WJ 16/8/12 SPR 16-8-12

NOTE.—Contn. sheet.

GPB—65,000—17-6-12.

G. R. S. 12]

General and Revenue Secretariat. | File No. 27 of 1912-13

Serial No.

6 The Chief Engr. may calculate upon getting the funds for this very necessary purpose As to the question of the Govt. appointing a Committee (the Chief Engr, Secretary & Legal Member of the Council) to consider & examine various alternatives & propose the most feasible - The project is urgent & very necessary - Hon'ble Mayor

7 Submitted to Govt. Council for perusal

23
22/8

SPR
22.8.12

8 This may be done

27/8/12

9 Put up drafts & notes about the formation of a committee as moved by Dewan

23
28/8

Very early Mean SPR
28-8-12

2nd Comm.

NOTE—Contn. sheet.

22/8/12

GPB—65,000—17-5-12.

General and Revenue Secretariat.

Sec. File No. 27 of 1912-13

Serial No.	
	10 Draft submitted Sd/ 28-8-12 A clean draft please Sd/ 30/8/12 Submitted Sd/ 30-8-12 Sec 4) Sd/ 31/8/12
	11 2nd Councilor Sd/ 1/9. Sd/ 4/9/12
	12 Draft has been approved by 2nd Councilor &c 27/9 Sd/ 8/9/12
3	To D. Devaraj Esq Sept 2nd Councillor, Chief Supt; Senr Surgeon Sans Cout. No 2142-8 6.9.1912. Constitutes a committee with the 2nd Cr as President & the Chief Supt & the Senr Surgeon Sans Cout as members for examining the various alternative sites proposed.
4	From the Sanitary Commissioner No 1147 dated 9. Forwards copy of letter from the Superin

NOTE—Contn. sheet.

GPB—65,000—17-6-12.

General and Revenue Secretariat.

San File No. 27 of 1912-13

Serial No.	
	Public Health Institute, pointing out the urgent necessity for the construction of the new vaccine Institute and requests to accord early sanction to provide the necessary buildings.
	15 May the report of the Committee referred to in serial No 3 be awaited.
	16.9.12
	18.9.12
	5 16 From the Chief Engineer, No 7794 dated 20.9.12 Requests the return of the plans & estimate for reference.
	Submitted with draft.
	20.9.12 (18)
	17 Issue after submitting the file to the Secretary for perusal as called for by him
	20.9.12
	18 Issue submitting the file to 2nd Com for perusal of the Dewan's order 8/17th Sept on the slip attached & for his remarks.
	20.9.12
	20.9.12

NOTE—Contn. sheet.

GIP—65,000—17-6-12.

G. R. S. 12]

General and Revenue Secretariat.

Jany

~~Secl~~ File No. 27 of 1912—3

8

Serial No.	
6	19 To the Chief Engineer No 2419 g 21-9-12. Return the plan & estimate as desired To the San Comt No 2420 g 21-9-12. Forwd copy for information 2nd Cr 21. 9. 12 22/9/12 23/9/12 S/12.9.
7	20 From the Chief Engineer of Mysore, No 8739 dated 30. 10. 12 Submits for sanction a site plan with rough plans and estimate of about Rs two lakhs for the construction of the public Health Institute at Bangalore. 21 The original rough estimate for the construction of a new building for the Vaccine Institute was Rs 52,704/- The Chief Engineer with his letter No 6555 dated the 6th August 1912 forwarded plans and estimates aggregating Rs 91,800/- for constructing a public Health and Vaccine Institute. The present estimate is Rs 2,00,000 The site proposed for the location of the Institute is at Basavangudi extension. A sum of

R

NOTE—Contn. sheet.

GIP—65,000—17-6-12.

General and Revenue Secretariat.

Sm File No. 27 of 1912-13

Serial No.

Rs 15000/- is included in the estimate to acquire two adjacent buildings for the use of the Director of the Institute and his Assistant.

Submitted for orders.

2.11.12

submitted / order

Sec'y)

5.11.12

Dewan Bahadur
2nd Member

6/11/12

6.11.12

Called with a letter containing plans

22 The cost has gone up from 1 Lakh to 2 Lakhs because a laboratory is included and provision made to accommodate the Director who wants to have the same building.

23 It is desirable that

NOTE—Contn. sheet.

GPR—65 000—17-6-12.

3944

11

F. R. S. 12]

General and Revenue Secretariat. | Sanitary File No. 27 of 1912-13

Serial No.	
8	25 From the Sanitary Commissioner, No. 2564 & 10.1. States that suitable buildings for locating the vaccine Institute are urgently needed and requests sanction for the allotment of at least a partial grant during the current ye in order that the work may be taken on han without delay.
	26 The file was submitted to the Dewan o the 14th November 1912.
	18.1.13 Submit this also in Continuatio LG
	Dewan)

NOTE—Contn. sheet.

D. O. No. 256

Office of Senior Surgeon, Mysore Govt.

D.O.No. 48 Dated, Bangalore, 3rd February 13.

Dear Sir,

A few days ago I was asked by the Dewan to see him and go over the question of buildings &c., of the Public Health and the Vaccine Institute. Enclosed is the reply of Dr. Srinivasa Rao to my attempt to discuss the question with him prior to my meeting the Dewan.

Yours sincerely,

S. Hiriyannaiya, Esq., M A., B.L.,
Private Secretary to the
Dewan of Mysore, B a n g a l o r e

THE PUBLIC HEALTH INSTITUTE,

BANGALORE, 1st February 1913.

Dear Sir,

Your D.O. No: 42 dated 30.1.13. The plans & estimates that have already been sent up to Government were based on the assumption that the Vaccine Institute was to be part & parcel of the P. H. I. As the most recent order of the Government has temporarily separated the Vaccine Institute from the Public Health Institute, I do not think it at all possible to come to any definite conclusions now as regards buildings &c. Until the final intentions of the Government are made known, it seems to me that no useful purpose can be served by any discussion but if you are of a different opinion & want me to meet you, you have only to fix the date, time & place & I shall call upon you.

Yours sincerely,

M. Sreenivasa Rau

D. O. No. 452

D. O. No. 69

Office of the Sanitary Commissioner
with the Government of Mysore,

Rec'd 17/4/13

Bangalore 17th April 1913

My dear Sir,

In continuation of this office D.O. No. 48 dated the 3rd February 1913, I return the plans of the proposed Public Health Institute (I got from the Secretary to the Government in the General & Revenue Departments) together with a copy of Dr. Srinivasa Rao's D.O. letter to me for favor of disposal by the Government.

Yours sincerely,

C. V. Achyutaka

To

S. Hiriyannaiya Esq.,. M.A., B.L.,
Private Secretary to the Dewan of Mysore.

D.O. dated the 14th April 1913 from
Dr. V. Srinivasa Rao, Director, Public Health
Institute to the Sanitary Commissioner.

During the course of an interview that I had with the Dewan a few days ago, I understood that he was desirous of seeing the construction work of the Public Health Institute put in hand early. The plans and estimates are, I believe, quite ready and I myself am anxious that the Institute should be built as early as possible on the site which has already been selected for the purpose i Basavangudi Extension. No alterations are needed in the plans already drawn up.

" C O P Y "

T. V. Ramakrishna

Sanitary Commissioner.

(15

Rec'd at Bangalore 7/5/13

D. No. 634

En 1 file & 1 roll of plans -

DEWAN OF MYSORE

ANANDA ASRAM,
FERNHILL.

3rd May 1913.

My dear Mr. Kantaraj Urs,

I send herewith the file of papers relating to the construction of a Public Health Institute in Bangalore at an approximate outlay of about two lakhs.

This question has been engaging the attention of Government for some time past, but a practical solution has not been reached. I am in favour of spending only about Rs. 75,000 for the present and devising proposals for utilizing the amount to the best advantage.

It seems desirable that the matter should be taken up and dealt with by you in consultation with the Senior Surgeon and the Deputy Sanitary Commissioner and after finally discussing the question with the First Councillor and myself.

Yours sincerely,
M. Visvesvaraya

M. Kantaraj Urs Esqr., B.A.,
Second Councillor,
Bangalore

(16

16

GOVERNMENT OF MYSORE

Group IV & Remind me by
20. I. June
21.5.13. RV

Minuted Sir M. Visvesvaraya
1.6.13

D. O. No. 2589

BHAVANI HOUSE.
Fernhill, Ootacamund,
20th May 1913.

I am in receipt of your D.O.letter regarding the construction of a Public Health Institute in Bangalore and have noted your instructions.

I shall attend to it on my return to Bangalore.

Yours sincerely,

M.Visvesvaraya,Esq., C.I.E.,
Deawn of Mysore, Ananda Asrama,
Fernhill.

D. O. No. 2590

Recd
23.7.13.

Bangalore
22nd July 1913

My dear Mr. Rivers Thompson

Yours D.O. letter No 634 of 13th inst. recd. with its enclosures & copy.

I have since interviewed Mr Lewis & Mr D. Sampson & discussed with them the possibility & advisability of enforcing at present existing law & rules with Public Health

Company with those two officers & found it most suitable for our purpose.

We like a few week of plain flying ourselves & your £50. under reply can be used here with.

Yours very
Richard Haigh

Institute Land + Rs. 75,000 as desired by me. Both these offices say & I agree with them that it is not possible to cut down the estimate if we intend have an Institute complete in itself & satisfying the requirements of all the depts. connected with it. The entire expenditure may be spread over 3 or 4 years instead of incurring it all in one or two years.

With the amount proposed by me, the work of the main-building may be started at once.

I intended to write also in

Reference:- The Second Councillor's D.O. dated 22nd July 1913 regarding the construction of a Public Health Institute at Bangalore.

(With a set of plans)

27. I have again gone through these papers. I consider it necessary to draw up a memorandum reviewing the past history of this proposal and embodying information on the following points:-

(1) A clear definition of the object of the Institution and the several practical and scientific purposes which it is intended to conserve.

(2) An abstract estimate of the initial cost of the site and the proposed buildings.

(3) An abstract estimate of the equipment required and the total amount to which the expenditure would be confined within the next five years.

(4) The details of the establishment to be maintained for the next five years, both technical and ordinary; and how much of such establishment would be from the departmental staff and how much would have to be newly

final recommendation submitted to His Highness.

26.7.13 RG

For favour of perusal.

28/7.

Seen. Necessary action will be taken at once

29/7

1491

R. S. 12].

General and Revenue Secretariat. | File No. 27 of 1912-13

22

Serial No.	
9	32 To the Sanitary Commissioner, No. 1460 dt 2.8.13 asks for complete information on certain points about the construction of a public Health Institute at Bangalore.
10	33. From the Sanitary Commissioner, No. 1007 dt 30.8.13 Submits the information called for in serial No. 9.
N (No. 2)	34 The object of the Institute is explained in detail in the items and is briefly outlined in para 1 of the letter under disposal.
	35 Public Health Institute includes (1) the Vaccine Institute, (2) Health Library, (3) Health Museum and (4) Health Laboratory.
	36 The initial outlay on the equipment is Rs 8000/- and the annual recurring expenditure is Rs 4760/-
	37 The total cost of establishment is Rs 27276/- per annum. This statement excludes the cost of additional establishment proposed to be entertained, amounting to Rs 6564/- per annum. In the statement showing the details of establishment to be entertained provision is made for the appointment of a "protozoologist" on Rs 250/- per mensem which appointment was not originally proposed by the Sanitary Commr. In this connection it
I	is submitted that in this office letter No. 3071 Sec 121-11-5

NOTE—Contn. sheet.

GPB—65.000—17-6-12.

1691

R. S. 12]

General and Revenue Secretariat.

File No. 27 of 1912-13

23

Serial No.

Flmin 3640-13

dated the 30th August 1913, the Sanitary Commissioner has been informed that the establishment of additional establishment proposed by him is somewhat extravagant and he has been requested to submit a revised proposal. He has also been requested to indicate the work that the additional establishment is expected to turnout.

38 The annual recurring expenditure of all kinds for the first year is estimated at Rs 48604/- and the average expenditure within the first five years at Rs 43000/- Deducting the budget figure for the current year, which is Rs 32540/- the net excess expenditure will be Rs 15,564/- for the first year and Rs 10,460/- the average expenditure within the first five years. To the net initial outlay has to be added a sum of Rs 2,00,000/- being the estimated cost of the buildings.

Vaccine Institute Rs 9614/-
Public Health Laboratory 3772/-
Public Health Institute Rs 19154
Total Rs 32540/-

Submitted.

4.9.13

Consult Br II. (vide draft order)

Br II

Br II

5/9

Mr B-V-IV.

39. Taking the current year's budget figures as the normal expenditure for the P. H. Institute the net increase of expenditure, with the exception of the initial outlay on buildings, will be Rs 15,564 for the first year and Rs 10460 the average for the

NOTE—Contn. sheet.

GPB—65,000—17-6-12.

Serial No.

first 5 years.

40 In the triennial forecast a sum of Rs 4,582 has been taken into account towards additional establishment to the Public Health Institute. But it is not known whether this additional establishment is a part of the one now proposed. If so, it is only the bala of the average of 10460 that has to be found. This amounts to Rs 5,888 per annum and will have to be met out of the sum of Rs 87,000 provided in the triennial forecast for "normal increases in other departments within the next three years". The initial outlay of 2 lakhs cannot be met from any amount included in the budget or in the triennial forecast. The P.W.D may perhaps be asked to state if the amount can be found from the allotments of that Department. Otherwise Govt should be moved to allot the amount from Surplus Revenues.

9/9/13 Secy

10.9.13

41 If a statement is prepared showing what work is proposed to be done which cannot be done with the present resources of the Chemical, Bacteriological and Public health departments, then only the necessity of the proposed additional expenditure will be clearly

71 mio
340-13

NOTE—Contn. sheet.

GPB—65,000—17-6-12.

Serial No.

brought forth. Nothing is gained by enumerating a number of items which can be easily done in the existing institutions. Any tendency to carry on the same work but in grander & more showy surroundings should be checked. Possibly all legitimate requirements of real & useful work may be satisfied by moderate additions to existing laboratories and establishments if indeed any additions are immediately necessary. The necessity of a new building has not in my opinion been made out. If more money is to be spent on sanitation it should not be devoted to the purely scientific & theoretical aspect of the subject but in practical measures likely to reach the population immediately. If the statement referred to in the opening sentence of this note is prepared & sent to F.D. the detailed financial aspect will be considered.

10/9/13

10/9/13

17/9/13

NOTE—Contn. sheet.

GPE—6[illegible],000—17-6-12.

1491

R. S. 12] 26

General and Revenue Secretariat. | Sanitary File No. 27 of 1912-13

Serial No.

42. Subsidies.

In the items submitted by the Sanitary Commr the work at present being done and the work proposed to be done in the Health Institute are not shown. On a comparison of the report of the Chemical examiner and Bacteriologist for 1912 with the Memo, the following items appear to be additional work proposed to be performed by the Health Institute:

(1) Research work connected with the etiology of diseases; medical entomology or working out the life histories of insects.

(2) preparation of bacterial vaccines for prophylactic use

(3) Sanitary education, comprising of periodical publication of leaflets on health subjects, the issue of bulletins on the results of research in the Laboratory and the maintenance of a central museum and Library for the use of the public.

43. The work that is being done in the King Institute is described in pages 6 & 7 of the annual report the year 1911.

In Govt. proc. No. G. 2374-7 of 11.9.13 it has been ordered (G. M. 660-13 / 457 13.9.13) that the Vaccine Institute should be removed to the Lal Bagh Lodge. In the estimate for the Construction of public Health Institute, provision is made for the Construction of a vaccine Institute.

NOTE—Contn. sheet.

13-9-13

GPB—61,000—17-6-12.

General and Revenue Secretariat.

Gen. File No. 27 of 1912-13

Serial No.	
	44. Submitted for orders as to whether further information may be called for in the light of the Financial Sec'y's remarks. The Sanitary Comm'r has furnished detailed information on all the queries of this Office. A note will be prepared on receipt of orders. Asm 15/9. Dy Sec'y)
	A draft calling for the required information may be proposed. Asm 15/9 15/9 15/9 draft submitted. 66 16.9.13 Dy Sec'y) Asm 18/9.
	A tidy draft as revised may be put up. Asm 20/9 20/9 Tidy draft submitted. 57 20.9.13 Dy Sec'y). Asm 20/9
	45 Approved Asm 22/9 Asm 22/9
11	46 To the Sanitary Commissioner, No 3839 dated 23.9.13. Enquiries what additional work will be facilitated by the proposed erection of a new building for the Institute and how;
12	47 From the Sanitary Commissioner, No 1522 dated 5.10.13. Forwards a memo explaining the necessity for new buildings for the Public Health Institute.

NOTE—Contn. sheet.

1987
2371

R. S. 12]

28

General and Revenue Secretariat. | Sem-File No. 27 of 1912-13

Serial No.

W
4-6-13

48 It has been ordered in Govt. proc. no. G 2374-7 dated 4.11.1860-13 the 11th Sept/13 that the Vaccine Institute should be removed to the Lal Bagh Lodge. It is a question whether the vaccine Institute should form part of the public Health Institute, though at present it is under the charge of the patron, independent of the Director of public Health Institute (Dr Srinivasa Rau) (vide Govt. proc. no. 5227-31 dated 18.1.13). Sem 9.9-11-8

P

49. The School of Hygiene is not a permanent institution, but has only been sanctioned in Govt. proc. no. 8135-6 dated 3.5.12, tentatively Sem 127-10-6 for two years from the 1st July 1912.

Q

Submitted for orders.

K 1/57 20.10.13

49 The information required by the Financial Secretary in para 41 supra is furnished by the Senior Surgeon in his parent Communication

Brn II)

Brn 21/10.

Subd Brn 21/10/13. Jdecy)

K Brooks

50 It is only necessary to offer brief remarks on the several points referred to by the Senior surgeon.

NOTE—Contn. sheet.

GPE—6,000—17-6-12.

[R. S. 12]

General and Revenue Secretariat.

Govt File No. 27 of 1912-13

Serial No.

(1) The meaning is not clear. The vaccine Institute even if located in a different building can be controlled efficiently by the Head of the Public health institute. There is no operation in the vaccine Institute which requires constant presence & attention of a high grade specialist.

(2) A permanent Public Health Museum on a large scale is not a matter of urgent necessity. In the present Educational state of the country such museums do very little good. I doubt if Calcutta or Delhi has yet organized a Public Health museum. What is wanted is, to carry elementary Sanitary Knowledge & simple sanitary measures to the villagers' home — not elaborate museums locked up in grand buildings in cities.

(3) Good libraries are not necessarily large e.g. the library of the Indian Institute of Science is better than many much larger scientific libraries. If books are carefully selected a good Public health library will be contained in a few almirahs for which there is room in the existing buildings.

(4) There is ample scope for research in the laboratories as they are now; when some good results of research which can be conducted with existing means are published & find recognition in Scientific

NOTE—Contn. sheet.

CPP—65,000—17.6.12

Serial No.

circles, we can think of making the laboratories fit for higher research. There is a Refrigerating plant

(5) This is not correct. E.g. Dr. Leonard Rogers of the Medical College Calcutta who is perhaps the best known bacteriological worker in India lives at least 3 miles off from his laboratory.

(6) Vide remarks against (4) above.

(7) These lectures & demonstrations should penetrate to the darkness of our villages. Lecture buildings in the capital will not be of much use.

(8) It is not necessary for the Director & his staff to be residing & working "all hours of day & night." Research & other work is generally done under easier conditions. There is accommodation now for a few watchmen & menials & is sufficient.

(9) It is not clear what great inconvenience there is in this matter.

S/ In my opinion, beyond a rearrangement of the existing establishment & laboratory resources & small increase for well-defined useful objects, nothing more is called for. A large building & increase of establishment on the scale asked for are quite unnecessary.

NOTE—Contn. sheet.

29.10.13

G. R. S. 12]

General and Revenue Secretariat. | Sun File No. 27 of 1912-13

Serial No.	
	52 Submitted for orders.
	57 29.10.13 (11) 53 On receipt of ~~letter~~; draft of a note called for by the Dewan in page 19, will be put up. Dy Secy. Hm 31/10.
	54 A Memorandum as required by the Dewan should be compiled under the several heads given by him. He requires the past history of the proposal in one place: and this Note is necessary in order that orders may be passed.
	55. A draft memo should be prepared and after approval by me, caused to be typed. Dmee 3/11
	3.11.13
	(page 51) 56 Draft memo submitted.
	57 10.11.13 (57) Revised memo submitted Dy Secy. Hm 27/11.
	(58) Please have the Note revised as my pencil notes on the draft. Dmee 6/12
	(59) Revised & submitted. Dy Secy Hm 6/12
	(60) The Note may be typed as revised. Dmee 8/12
	Typing Section (61) Typed note submitted 6/12/13 11.12.13 Dy Secy Hm 10/12

NOTE—Contn. sheet.

GPB—60,000—25-9-13.

General and Revenue Secretariat. — File No. 27 of 1912-13

Serial No.

62. The Note required by the Diwan in para 27 is put up. The Fin: Secy has been consulted. Kind attention is invited to the last subpara in para 27 of the Diwan's Note.

2nd Annexation

Draft sent to Govt 16/12

63. Before returning the note & the Annexure, I should like to meet & discuss further with the Secretaries & the Hd of P.H. Institute their present proposals in light of the objections taken by the H. Secy & the file may be re-submitted in the 1st week of January to enable me to give a decision finally.

20/12/13

Draft 20/12

20/12

64.

13 Letter no: 2495 of 31.12.13 from the Sanitary Commr in Mysore.

In continuation of 31/12 forwards a copy of letter no: 856 of 26.12.13 from the Director of the Public Health Institute re: providing new buildings for the Public Health Institute.

65. The file may be subtd to 2d Councillor as directed in para 63 supra.

Ltr 51 15.1.14

66. The Director of the Public Health Institute will probably return from deputation about the middle of February & Bangalore then

15/1.

(7) 2nd Councillor

by his court next week

NOTE—Contn. sheet.

GPB—60,000—7-11-13

General and Revenue Secretariat.

Gen. File No. 27 of 1912-13

Serial No.	
	The return of H. Srinivasa Aiyar from his special deputation. In the meantime this file may be sent to the New Legislative Council for study so as to enable him to discuss those matters when he meets with us as soon as H. S. Aiyar returns from Coimbatore
	Secy 16/1/14
	16/1 Gen. 1711
L.O. No. 142 of 13-14 & 17-1-14.	68 Forwarded unofficially to the Secy Govt in Agriculture, as directed above
B L R 17/1	Boyanamakam 14/1/14. for Sec'y to Govt G & R. Dept.

NOTE—Contn. sheet.

General and Revenue Secretariat.

Gen File No. 27 of 1913

Serial No.

69 I gather from the file that separate buildings for the Public Health Institute are intended to serve the following purposes:

(1) Vaccine Institute,

(2) To facilitate research work including Protozoological work,

(3) Public Health Museum,

(4) Public Health Library,

(5) For public lectures and demonstrations including those to be given in the School of Hygiene,

(6) For refrigerating plant and

(7) To provide quarters to the staff to enable them to be available at all hours of the day and night.

70 In regard to the Vaccine Institute the Vaccine Committee have definitely recommended that it may be dissociated from the Public Health Institute proper and established as a separate concern by itself, as in Belgaum. So we need only consider how far the other items enumerated above justify the provision of new buildings for the Institute.

71 It is claimed that " with proper buildings, equipment and adequate staff, scientific work of a high order can be turned out ". I regret I am unable to fully endorse this view. Fine

NOTE—Contn. sheet.

General and Revenue Secretariat.

File No. 27 of 1912-13

Serial No.

Fine and commodious buildings however desirable they may be to maintain the dignity of a Government Institution - can only be justified by the accumulated evidence of practical results achieved so far and by an increase in the volume of work in all directions. I am of opinion that scientific investigations of much practical value can be carried on in the present buildings and with the existing equipment and staff. An illustration will perhaps make my meaning clear. Since the advent of the theory that Plague is caused by the rat flea attempts are being made to find a satisfactory pulicide and so far have met only with a partial success. Recently Major Delany I.M.S., conducted a series of experiments with fumigation by various substances and recommends fumigation by neem leaves as the most practicable method that is available at present. Now, all these experiments could as well have been conducted, and the conclusion arrived at, in our own Laboratory without any addition to either the staff or the equipment. What is required for our immediate needs is not " scientific work of a high order " but a clear definition and systematisation of the work in the Laboratory in all its branches

NOTE—Contn. sheet.

GPB—60,000—7-11-13

dissemination of sanitary knowledge in a very satisfactory manner.

73 As to item (7) the staff will not be required for duty at all hours of day and night. At " any hour of day and night " would be more correct. The existing accommodation for the watchman and one or two servants will answer all needs.

74 In conclusion, beyond additions for the refrigerating plant and small increases for indispensable equipments, nothing more is called for.

75 Now that I have recorded my opinion on the several points raised in the file I do not think the matter calls for any personal discussion, but if it is still considered necessary I shall meet and discuss the question.

Sanitary Commissioner.

P.H.

General and Revenue Secretariat. | Sec. File No. 27 of 1912-13

Serial No.	
	76 Submitted for orders with the unofficial opinion of the Finance Commissioner.
	77 The file was forwarded to him as ordered by the 2nd member of Council in para 67 Supra. Dr. Srinivasa Rao has returned from deputation.
76	78 The Dewan has called for a note in this case. A draft note is in the file as.

Sec. 3) 10/2

with reference to para 67.

2nd member

Seen by the 2nd member 28/2

3/3/14

78 I kept this file with me and a view to expediting the proceedings after the return of Dr. Srinivasa Rao from his deputation to Lucknow in connection with the All-India Sanitary Conference. Somehow, I was not able to manage this even after Dr. S's return. And as the Medical Department has since been transferred to the Executive Member the file will be submitted with a request for orders. There is much force in the remarks made both by the Hd. Sanitary

NOTE—Contn. sheet.

GPB—60,000—7-11-13

Serial No.

reports affecting the sanitary condition of life and the more common epidemic diseases. As regards Bacteriological investigations the Govt of India have under contemplation a special Bacteriological dept and the results of their labours will always be available to us and we may also obtain their advice & help in dealing with local problems. There are also schemes for local hospital schools of medicine and there does not seem to be therefore much need for expanding the purely scientific work done in the Institute

B
21/8/14

Extraordinary Member

80 - Despite of the suggestion made by the 2nd Member - The Deputy Secretary Kindly or personally discuss the matter further with the Sanitary Commr & Dr. Srinivasachar and submit a suitable draft.

K.N.R.
2.11.14

GPB—50,000—12-8-10

Serial No.	
14	81) From the Chief Engineer, No. 5266/5 dated 5 June 15 Requests the return of the rough plans and estimates for the public Health Institute as the same is required by the Superintending Engineer, Southern circle, to prepare a detailed project called for by the Existing Government. Submitted with draft. 12.6.15 Done 8/14/6
15	82) To the Chief Engineer, No 10272/San. 27-12, dated 18-6-1915 Returns the report and rough plans and estimates of the Health Institute as called for. 83. The return of the plans, estimates called for by the Chief Engineer and sent to him on 18.6.1915 was probably due to some line of action agreed to between the Dy. Secy, the Sanitary Comr. & Mr. M. Srinivasa Rao. Vide para 80 of the notes supra. Subd: for orders whether the Chief Engineer may be asked to expedite the submission of the detailed project & report required. 8/7/16 84 Await disposal of the question of Govt. dept. reorganisation.

NOTE—Contn. sheet.

GPB—60,000—7-11-14

General and Revenue Secretariat. | San File No. 27 of 1912-13

Serial No.	
16	85 From the Sanitary Commissioner No. 9.C/147 dated 6.9.14 Stating that the sites in the Basavanagudi section now reserved for the Construction of public Health Institute may be sold by public auction and a more desirable site towards the East South east of the South-eastern Corner of the extension may be selected.
17	86 From the President, City Municipal Council, Bangalore D.O. No. 164 dated 7.9.14 Stating that the ground selected for the construction of public Health Institute buildings is more suitable for building sites in the Basavanagudi extension.
	87 A Committee was constituted for selecting a site for locating the public Health & Vaccine Institute at Bangalore (vide Govt. Proc. No. 2142-4 dated 6th September/12) The site on which the Institute proposed to be built was at Basavanagudi. (vide Sanitary Commr's letter No. 1007 dated 30.8.13) The rough plans and estimates for the construction of the buildings were returned to the Chief Engineer as desired by him.
	Submitted for orders.
Serial 7 (Flag 7)	88. 8.9.14 This site was selected by a Committee specially appointed by Govt, and was after personal inspection by the 2nd Member pronounced to be "most suitable" for
17 give Notes	

NOTE—Contn. sheet.

GPB—70,000—17-12-15

G. R. S. 12]

General and Revenue Secretariat. | Sar File No. 27 of 1912

Serial No.

93. Plan put up a draft at once

KB 12/9-16

94 Draft letter to the President, city Municipal Council, is submitted. If the is revised

Be. 12/9.

KB 12/9-16

12-9-16

18 D.O. No. 1849 To the President Bangalore city Mal Council dated 12.9.1916. Directs that the sale of the building sites forming the 5th & 6th blocks of the Basavanagudi Extension which have been selected for the Public Health Institute buildings may be deferred pending further orders in the matter.

To Sanitary Commr, No 1850 dated 12-9-16, Forwards copy of the above D.O.

95. Re-submitted with reference to paragraphs 92 supra —

Be 14.9.16 Rev. Secy.

KB 16/9-16

96) Submitted for Government orders

16-9-1916

KB 16/9-16

NOTE—Contn. sheet.

GPB—70,000—17-12-15

861 (45

G. R. S. 12]

General and Revenue Secretariat. | San File No. 27 of 191 2-3

Serial No.

97) The question may be considered after order are passed on the reorganization of the Public - Health Department.

21.9.16.

98) Submitted as directed in paragraph 92 supra —

22/9. First Member)

99 I agree. But, if I remember right, mention was made of a new Public Health Building in the Reorganisation Scheme. If it is decided once and for all whether a new building is to be built, this question will solve itself. Any unduly delay is undesirable

23/9

Yes. 28/12

74 23.9.16

To be put up after Darwin — when Colle is in the picture, The file should be sent to Scheming Officer to be kept pending decision in the case

22/9

3740 28/12/16

In Repe — Demi-official order. Paragraph 92

25/9-16

1) The question may be considered at a meeting of the Council

Draft Govt Order 28/12

2.1.17.

28/12-16

3/1/17

NOTE—Contn. sheet.

GPB—70.000—17-12-15

46

No. C. 29817

(For disposal at a meeting) 9. 1. 1917

GENERAL AND REVENUE SECRETARIAT.

Council Matter.

SUBJECT.

Proposals for the construction of a new building for the Public Health Institute.

CIRCULATED TO THE MEMBERS OF COUNCIL.

By Order,

D. M. Narasy Rao

6th January 1917. *Secretary to Government.*

Extraordinary Member of Council. Opinion recorded.

First Member of Council. Do.

89 11.1.17 **Second Member of Council.** 15.1.

WD 2012—GPB—1 000—9-2-16

47

Extract from the Proceedings of the 408th Meeting of the Council of His Highness the Maharaja, held at Bangalore, on the 15th February 1917.

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(503) 9. Subject.-Outside the Schedule.

Proposals for the construction of a new building for the Public Health Institute.

OPINION OF THE COUNCIL.

The idea of a new building for the Public Health Institute may be dropped.

Fresh proposals regarding additions and alterations absolutely necessary in connection with the existing building may be called for.

Such proposals should take into account the changes introduced by the recent order of Government re-organizing the Sanitary Department.

Sd. M. Visvesvaraya,
Dewan of Mysore.

"EXTRACT"

D. M. Narayana Rao 1917

Secretary to Government,
General Department.

WD—156—GPB—1,000—19-7-16.

61

ND 1233—GPB—60,000—1-12-16—S.

G. R. S. III-2]

General and Revenue Secretariat. | File No. 27 of 1912-13

48

Serial No.

104 To the Assistant Secretary, Br. IV, for kindly submitting the file to the Second Member of Council with a draft Final Note.

Due 16/2

48 16/2-17

NOTE—Contn. sheet.

~~G.R.S. 111—3~~]

Routine Notes.

[To ~~be used only for notes, requisitions, etc., not intended for permane~~

(105) Submitted with draft.

Typed as seen

19.2.17

Submitted

21/2

23/2-17

Secretary

24/2-17

253.

26.2.17.

(106) I am not clear as to the case. The original can be submitted in a draft. Was there any change of any kind proposed or agreed to?

27.2

seen

27/2

27/2-17

Submitted with draft for approval

27.2.17

Secretary

4/3-17

143.

5.3.17.

seen

6/3

6/3-17

N.B.—Should routine notes be written on small slips the notes must be copied, or slips pasted on this form.

W.D. 81—GPB—60,000—2

~~G.R.S. III—3~~]

49

~~Routine Notes.~~

[~~To be used only for notes, requisitions, etc., not intended~~ for permanent record.]

---

05) Submitted with draft final re
Typed as revised
9.2.17
Submitted
21/2
27/2 4/17

Secretary Members 24/2-17

253.
26.2.17.

06) Draft Memorandum
Table is very full
Case. The Council
can be submitted
in a draft. We think
there is no change of
any kind proposed
Approved
27.2
27/2-17

Submitted with draft. for approval
27.2.17
Secretary Members 4/3-17

143.
5.3.17.

6/3
6/3-17

N.B.—Should routine notes be written on small slips the notes must be copied, or slips pasted on this form.

W.D. 84—GPB—60,000—25-4-17.

WD 1233—GPB—60,000—1-12-16—S.

50

G. R. S. III-2]

General and Revenue Secretariat.

San File No. 27 of 1912.-3

Serial No.	
19	To the Sanitary Commr, Senior Surgeon, President Bangalore civil Council & the Chief Engineer, No 5837-40 dated 9.3.1917. Directs that the proposal for the Construction of a new building for the Public Health Institute may be dropped, and that fresh proposals for any additions & alterations absolutely necessary for the existing building may be submitted after taking into consideration the changes introduced in the order sanctioning the reorganisation of the Sanitary Dept.

NOTE—Contn. sheet.

Public Health Institute at Bangalore.

Past history.

(Order No. J.3049-68 dated Legis 21-05 1st May 1906).

On the passing of the Mysore Vaccination Regulation, the Senior Surgeon was requested to report what arrangements - - existed for guaranteeing the purity of the lymph supplied from the Mysore Govt. Vaccine Institute and what arrangements were necessary to minimise the chances of contamination of the lymph in the course of its manufacture.

(Letter No. G.671 dated 31.1.1907).

2. The Senior Surgeon reported in reply that the existing arrangements in the local Vaccine Institute for the scientific cultivation, preservation and issue of vaccine were not quite satisfactory and recommended that a suitable building should be constructed in a more sanitary locality. He suggested that the new buildings for the Vaccine Institute should be erected near the Bacteriological Laboratory, Public Health Laboratory - - (proposed by him in connection with the constitution of the Health Department) and the Vaccine Institute might all be in the

so that the Bacteriological Laboratory,

same place. This forms, as it were, the starting point of the idea of a Public Health Institute for Mysore.

3. The necessity for a new building for the Vaccine Institute was recognized and the Senior Surgeon was requested to study the requirements of a model Vaccine Institute, by inspecting, if necessary, the King Institute in Madras, and submit proposals.

4. A plan and rough estimate amounting to Rs52,704 for the construction of the proposed Vaccine Institute were then received but the project was laid aside as no funds could be provided for it in the budget estimate for 1907-08. No proper building has yet been provided for the Vaccine Institute, and the question of removing it to the Lal Bagh Lodge is under consideration.

5. Meanwhile, in August 1907 a scheme for the constitution of the Department of Public Health in the State was sanctioned, a Public Health Institute being recognized

to be a necessary adjunct. Dr. Smyth[S] suggested in August 1908 that the Public Health Institute need not be distinct from the Chemical Examiner's Laboratory, but that Health and Medico-legal works should be combined in one laboratory as in other countries, designating this Combined Institutions as "Public Health Laboratory" He proposed that Dr. M.Srinivasa Rao, - - Chemical Examiner to Govt. might be deputed to England to take the Diploma of - - Public Health in Health Laboratory work and that he might thereafter be placed in charge of the new Institution.

+ No 97 dated 1st August 1908.

6. The deputation of Dr. Srinivasa Rao to England was sanctioned in Govt. Proceedings No. 3020-4/San.36-08 dated 21st September 1908 but orders on the other proposals were reserved.

R.

7. While Dr. Srinivasa Rao was in England the scheme for Public Health - - Institute as at present understood was formulated. The Institute[Z] it was urged

(No 429 dated 12th April 1909)

should consist of the following :-

(1) A Chemical Laboratory for Public - - Health and general analytical purposes.

(2) A Bacteriological Laboratory

(3) A Sanitary School

(4) Vaccine Lymph Laboratory

(5) Health Museum

The Sanitary Commissioner proposed that the Institute should be under the general management of a Director who should ~~reis~~ reside on the premises and suggested that Dr. M. Srinivasa Rao should be the first Director. As regards the location of the Institute, he preferred the building now occupied by the Maternity Hospital, in case the latter could be removed to the Fort. No orders were passed on the above proposals.

8. After Dr. Srinivasa Rao's return from England the Sanitary Commissioner submitted proposals to change his designation into Superintendent of the Public Health Institute and Chemical Examiner to Govt. and to give him a deputy. In this con-

to be a necessary adjunct. Dr. Smyth[x] suggested in August 1908 that the Public Health Institute need not be distinct from the Chemical Examiner's Laboratory, but that Health and Medico-legal works should be combined in one laboratory as in other countries, designating this Combined Institutions as "Public Health Laboratory" He proposed that Dr. M.Srinivasa Rao, - - Chemical Examiner to Govt. might be deputed to England to take the Diploma of - - Public Health in Health Laboratory work, and that he might thereafter be placed in charge of the new Institution.

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× (G. 586 dated 19th May 1911).

connection he reported that the Public Health and Chemical laboratories which were an integral part of the Public - - - Health Institute had been combined into one and placed under the charge of Dr.M. Srinivasa Rao and that it required only a room for the refrigerating plant to complete their equipment. He further suggested that a School of Hygiene, a Public Health Museum and Library should be established as essential features of the Public Health Institute. On this representation Govt. sanctioned in their Order No. 3525-7/San 132-10-6 dated the 10th November 1911, the placing of Dr.M.Srinivasa Rao in charge of both the laboratories and and of the Vaccine Institute also. He was designated as Superintendent of the Public Health Institute and Chemical Examiner to Govt. His designation was subsequently changed to Director of Public Health Institute and Deputy Sanitary Commissioner. As the proposal to establish a School of Hygiene was under consideration of Govt.,

the Sanitary Commissioner was requested to submit definite proposals in detail regarding the Health Museum and Library.

9. In January 1913, however, Mr.P. Palpu, was placed in charge of the Vaccine Institute and Dr. Srinivasa Rao relieved of that charge. This arrangement will require reconsideration, in case th Vaccine Institute is to be part of the new Public Health Institute.

Govt Pro: No 5227-31 Jan 99-11-8 dated 18th January 1913). File subject to Secy on 6.12.1913

10. Meantime sanction had been accord for the opening of a School at Bangalore for the training of Sanitary and Assista Sanitary Inspectors tentatively for two years, from the 1st July 1912. The classes are now being held in the Chemic and Health Laboratories.

Q1 Govt Pro: No 8135-6 dated Jan 127-10-6 3.5.1912

11. The formation of the Public Health Museum and the Public Health Library has not yet been sanctioned. As regards the Health Museum, the Sanitary Commissioner had requested sanction to fit it up in the 'Grace Villa' (where the Senior Surge

Surgeon and Sanitary Commissioner's office is now located) after effecting the necessary repairs and alterations to the building. But he was requested to move Govt for the provision of a separate building.

Govt Pro. No 12851-2 dated Jan 2004-08-5 9.6.1908)

12. The Sanitary Commissioner now urges the necessity for the construction of a Public Health Institute and has submitted plans and rough estimate for Rs 2,00,000. He states that the site in Basavangudi Extension on which the Institute is proposed to be built was originally acquired by Govt. when the Basavangudi extension was included within the Municipal limits and the site can be taken over from the Municipality free of cost. The building, is as already stated, estimated to cost 2 lakhs.

Estimated initial Cost of the building & the site

(Para 2 of Dewan's note)

13. The Sanitary Commissioner states that the Public Health Institute is intended to supplement and guide the operations carried out for combating epidemics and the measures adopted for the general im-

Object of the Institution

(Para 10 Dewan's note)

of Public Health in the State.

(Para 1 of the Director's note) 14. The functions of the Institute are as noted below :-

(a) Chemical analyses

(b) Ordinary micro-biological work comprising the examination of specimens, e.g. for plague, malarial parasites, tubercle bacilli &c., the systematic examination of water supplies.

(a) This should be the principal work of the Institute

(c) Research work connected with the etiology of diseases, medical entomology or working out the life histories of mosquitoes, biting flies, fleas, etc

(c) This should be undertaken only to a limited extent, diseases peculiar to the State or specially prevalent such as plague being taken up in order of urgency. This should be a certain amount of collaboration or report work done in the Institute in the Health Officer's office. It is not necessary

(d) Preparation of Bacterial Vaccines for prophylactic use

(e) Sanitary education, comprising of periodical publication of leaflets on health subjects, the issue of bulletins on results of research in the laboratory and the maintenance of a central Museum and library open to the public; training of Sanitary Inspectors and of medical officers in Practical Bacteriology.

(d) to have these vaccines taken as prepare them locally. The precautions necessary to ensure freedom from contamination are so great that it is doubtful whether this work may be attempted except with a highly trained & experienced staff. If it is considered necessary for the Institute to undertake this work the Institute should be run on commercial lines a separate grant being given for experimental purposes

(f) work connected with the Vaccine Institute. (This may be separated)

(Para 3 of the Director's note)

(e) Should be an important part of the work but for the present the authorities may be confined to supplying simple formulæ with ordinary instructions

15. The initial outlay on the equipment is estimated to be Rs8,000 and the annual recurring expenditure is Rs4,760.

(Para 4 of the Secretary's note)

16. The details of the existing establishment and the proposed additional establishment are noted below:-

Establishment.	Present establishment. (cost per annum).	Proposed additional establishment (cost per annum).
1. Public Health Institute	Rs16,824	Rs4,716 *
2. Do Laboratory	1,152	360
3. Do Museum	--	696
4. Do Library	--	96
5. Vaccine Institute	2,736	696
Total Rupees	20,712	6,564

* Note. In addition to the clerical and menial establishments proposed for the Health Institute, the Sanitary Commissioner suggests the appointment of a Protozoologist on Rs250 per mensem. The necessity for the additional establishment has not been clearly explained. The details for the establishment are given in the statement No. II received with the Sanitary Commissioner's letter No. 1007 dated the 30th August 1913.

The transmission of disease through the medium of insects & animals is a subject of special investigation after it was demonstrated that the rat flea was * mainly responsible for the propagation of plague. It is doubtful however whether the S[illegible] can undertake research work in this direction but so whether a suitable officer could be appointed

(Para 5 of the Secretary's note)

17. The annual expenditure of all kinds in the first year is estimated at Rs48104 and the average expenditure within the first five years at Rs43,000. Deducting the budget figure for the current year

which is estimated at Rs32,540 the net excess expenditure will be Rs15,564 for the first year and Rs10,460 the average expenditure within the first five years The figures do not include the cost of the proposed buildings.

The Financial Secretary is of opini that no case had been made out for all this expenditure.

(51)

DEPARTMENT OF PUBLIC HEALTH IN MYSORE.

J 658

OFFICE OF THE SANITARY COMMISSIONER
WITH THE GOVT. OF MYSORE,

Bangalore, dated the 26/27 July *1912.*

No. 458
ENC. one

Sau 27-12
se 1

From

P.S. Achyuta Rao Esq.,
Sanitary Commissioner with the
Government of H. H. the Maharajah
of Mysore, BANGALORE.

To

K.R. Srinivasa Iyengar Esq., M.A.,
Secretary to the Government of
His Highness the Maharajah of Mysore,
General and Revenue Departments,
BANGALORE.

SIR,

In forwarding the enclosure-copy of letter No. 511 dated the 20th July 1912 from the Superintendent, Public Health Institute for very favorable consideration and early orders, I have the honor to state that the difficulties and inconveniences now experienced by the Vaccination branch of the Public Health Institute are so clearly/succinctly explained by Dr. Srinivasa Rao that scarcely anything is left for me to press upon the kind notice of the Government.

2. I only have to solicit the favor of immediate orders being issued to the Department of Public Works to commence the work at the earliest possible date.

3. In this connection I would also beg of the Government to get the gracious permission of our Soveriegn to the Institute being designated - " The Krishnarajendra Public Health Institute ".

DEPARTMENT OF PUBLIC HEALTH IN MYSORE.

191

From:

THE SANITARY COMMISSIONER
IN MYSORE, BANGALORE.

THE SECRETARY TO GOVT.,
GEN. & REV. DEPTTS,
BANGALORE.

Dated 26 JUL 1912

Despatched

Received

General No. 458

No.

Enclosure No. one

SUBJECT

Regarding Buildings for
Public Health Institu

Institute.

I have the honor to be,
Sir,
Your most obedient servant,

J. V. Campbell

Sanitary Commissioner.

P.H.

Ene 6 Jan 27-12
561

Letter No. 511 dated the 20th July 1912 from the Superintendent, Public Health Institute to the Sany. Commissioner in Mysore.

I have the honor to request you to be so good as to write to Government again to pass early orders regarding the construction of the Public Health Institute as per plans and estimates made by the Sanitary Engineer and approved by you some months ago.

2. The site and surroundings of the Vaccine Institute are such that no scientific work can be done there. The vaccination of the calves and scraping of the tissue are done in an open verandah which is none too big for the purpose. It is quite exposed to all atmospheric changes. Flies and mosquitoes are numerous and cannot be kept off from the calves either during vaccination or scraping: gusts of wind laden with dust blow into the veranda and render futile any attempts to obtain aseptic conditions. To the east of the Vaccine Institute, there is a forge in which iron tyres are made for country carts. Dried cow-dung cakes and rice husk are used in plenty to make the tyres red-hot; and volumes ofsmoke are given off which fill the Vaccine Institute when the wind is blowing from that side. I need not say anything about the smell emitted at the same time. It is sometimes sickening. To add to all this inconvenience, numbers of people bring their children to be vaccinated. There being no special accomodation for them, they herd in the veranda where the vaccination and scraping of the calves are carried on. This cannot conduce to aseptic conditions being maintained

maintained during the preparation of the lymph. There is no provision made by which the calves can be freed from ticks. After the vaccination, there is nothing to prevent them from crawling over and infecting the vaccinated parts. The shed, in which vaccinated calves are kept, is just by the side of the main road in which traffic is always very heavy. The air is full of dust and no amount of bandaging the vaccinated parts can keep off the dust, which may bear any number and kind of microbes. The shed itself is constructed in such a way that the dust from the road is bound to come in. There no protection to the calves from the inclemencies of the weather. In the cold weather, the poor calves will be shivering in spite of the tatties being closed and in the hot weather they will be ~~swelling~~ sweltering in the heat. In the rainy season, the whole shed is leaking and it is impossible for the night watchman to remain there and attend to the calves which themselves get wet and suffer much. Some of the calves even die of diarrhoea due to exposure. During the 5 or 6 days that are necessary for the vesicles to be formed flies and ticks have free access to the vaccinated parts and nothing can prevent the contamination of the lymph. The unvaccinated calves waiting for their turn fare no better. They are herded in a shed which cannot possibly be kept clean.

3. The tissue when scraped cannot be pulped under aseptic conditions. The small room in which pulping is now done is quite unsuited for the purpose. Servants and others keep coming in and going out of the room and it cannot be kept dust-proof. In the rainy season the room is damp and consequently insanitary.

4. The only method of sterilising instruments, towel etc is by boiling them in water. This is not at all sufficient to have absolute asepsis. Insufficiency of

of room and the absence of auto-cloves and gas supply render it impossible to command asepsis. Pulping of the tissue scraped is done by the hand which is never satisfactory. Apparatus for pulping has been indented for but unless better buildings are provided they cannot be used even when they arrive. The lanoline paste is now stored in the Bacteriological Laboratory to prevent further contamination in the Vaccine Institute. The absence of Refrigerating Room renders even the storage of prepared lymph under ideal conditions impossible. The construction of Refrigerating room sanctioned by the Government last year was postponed by the Public Works Department pending the sanction of the construction of the new Public Health Institute in which it has to be incorporated. The Refrigerating Plant has been ordered for from England and when it arrives it cannot be made use of in the absence of the required room.

5. The opening of the School of Hygiene has encroached upon the accomodation available in the Bacteriological Laboratory and the workers feel cramped for want of space. The Sheshadri Memorial Hall where certain lectures for the students of the School of Hygiene were proposed to be given is not available for the purpose as sloyd classes are held there at the same time as the building is required for our use. The formation of the Public Health Museum and the Public Health Library will have to be postponed till the construction of the new buildings and the present Laboratories are removed to them For want of the Refrigerating Room many kinds of bacteriological work cannot be done. I refrain from going into details for fear of making this letter too long. The Mysore Government took the lead in organising a Vaccine Institute when such Institutes were not known in Madras and Bombay. Since then, the King Institute of Preventive

(56)

Preventive Medicine at Guindy and the Vaccine Institute at Belgaum have been constructed and equipped on a lavis scale by the Madras and Bombay Governments. I am sure that you will only have to point out how far behind we are in this respect for the Mysore Government to take action and order the construction of new buildings as early as possible. The Public Health Institute will th be second to none just as the Physical and Chemical Laboratories attached to the Central College bid fair to be models of their kind.

In conclusion, I request that you will be pleased to make a strong representation to the Government to sanction the construction of the Public Health Institute this year only.

" Copy "

For Sanitary Commissioner.

P.H.

59

No. 6555

MYSORE P. W. DEPARTMENT,

CENTRAL OFFICE,

Bangalore,....6th....August.....1912.

From

DIARY No....907.....

M. VISVESVARAYA, ESQ., M. I. C. E., C.I.E.,

Chief Engineer of Mysore,

Bangalore,

19/2-19/3
SECTION Law
DATE. 27-12
To 2

K.R.Srinivasaiengar,Esq., M.A.,

Offg: Secretary to the Government of

His Highness the Maharaja of Mysore,

General and Revenue Departments.

SIR,

Adverting to correspondence ending with your letter No.532 dated the 15th July 1912, I have the honour to forward the accompanying plans and estimates, the latter aggregating Rs 91,810 for constructing a Public Health and Vaccine Institute at Bangalore.

2. The buildings are proposed to be located in the compounds of the existing Bacteriological Laboratory and Geological office. Th disposition of the various buildings constituting the Institute is shown on the site plan attached (vide drawing No.I).

3. There has been some controversy as regards the site chosen. The Institute is proposed to be located on a very conspicuous site where important thoroughfares meet. The construction of residential buildings for officers and servants and sheds for calves will tend to make the surroundings insanitary unless proper arrangements for drainage and sullage disposal are made. The Superintending Engineer, Mr.Rangasawmy Iyengar,does not on this account approve of the site, but the Superintendent of the Institute is of opinion that there will be no insurmountable difficulties in the matter and that, with ordinary care, the premises can be kept quite clean and tidy. He states

MYSORE P. W. DEPARTMENT.

No. 6555.

From

THE CHIEF ENGINEER OF MYSORE,

Bangalore

To

The Offg. Secretary to Government
Genl & Rev. Departments,
Bangalore

Dated Bangalore, 6th August 1912

Despatched 7th August 1912

Enclosure No. 1 — 4 estimates & Abstracts
1 Report
& 6 Plans

SUBJECT.

Forwarding plans and estimate for constructing a Public Health and Vaccine Institute at Bangalore—

GPB—1,500—4-3-12

that, unless Government are prepared to sanction a very heavy outlay, the question of locating these buildings outside the city limits cannot be thought of. The Senior Surgeon agrees with the Superintendent.

4. The designs for the Institute, calf sheds and servant quarters appear to be suitable. Some slight modifications wil be needed in the design for the quarters. These will be - attended to if Government pass orders on the following main questions:-

(1) Whether Government are prepared to sanction an outlay of nearly a lakh of rupees on the buildings.

(2) Whether the Institute buildings may be constructed at the site selected by the Senior Surgeon.

5. On receipt of orders on these two points, I will be able to submit my recommendations concerning the details of accommodation and location of the individual buildings after a personal inspection of the site, if possible, in company with the Senior Surgeon.

I have the honour to be,

Sir,

Your most obedient servant,

Chief Engineer of Mysore.

DEPARTMENT OF PUBLIC HEALTH IN MYSORE.

OFFICE OF THE SANITARY COMMISSIONER
WITH THE GOVT. OF MYSORE,

Bangalore, dated the 9th September 1912.

No. 1147
ENC. one

DIARY No. 1616
19/9/12
SECTION Sau
FILE No. 27-12
SERIAL No. 4

From

P.S. Achyuta Rao Esq.,
Sanitary Commissioner with the
Government of H. H. the Maharajah
of Mysore, BANGALORE.

To

K.R. Srinivasa Iyengar Esq., M.A.,
Secretary to the Government of His
Highness the Maharaja of Mysore,
General & Revenue Departments,
B a n g a l o r e .

SIR,

In continuation of my letter No. 458 dated the 26th July 1912, I have the honor to forward the accompanying copy of letter No. 618 dated the 6th Instant from the Superintendent, Public Health Institute and to request that you will be so good as to move Government to accord their sanction to providing the necessary buildings as expeditiously as possible. The matter can no longer be delayed in view of the grave danger to public health involved in the work being allowed to be done amidst surroundings such as those of the present Vaccine Institute.

I have the honor to be,
Sir,
Your most obedient servant,

P.S. Achyuta Rao

Sanitary Commissioner.

P.H.

DEPARTMENT OF PUBLIC HEALTH IN MYSORE.

191

From

THE SANITARY COMMISSIONER
IN MYSORE, BANGALORE.

To

Dated 9 - SEP 1912

Despatched

Received

General No. 1147

No.

Enclosure No. One

Requesting early Sanction to
e Construction of buildings for the
accine Institute-

CAXTON PRESS, BANGALORE, 500-11-11.

Enc. to Secy. 27-12
544

Letter No. 618 dated the 6th September 1912
from the Superintendent, Public Health Institute to the
Sanitary Commissioner in Mysore.

I have the honor to state that the Refrigerating Plant ordered for from England last February has arrived in Bangalore. There being no accomodation in or near the Public Health Institute, I requested the Superintending Engineer to make some arrangements to store the packages in the D.P.W stores shed. As he was pleased to comply with my request, some of the heavy packages have been kept in the Stores Shed of the Water Supply Department, the other things being kept in the stables of the Public Health Institute. Until the Refrigerating Plant is fitted up, it is impossible to say what parts are broken or missing, nor can we ask the manufacturers to replace them. For this reason too the immediate construction of the new buildings is imperative.

In this connection, I may bring to your notice an incident that occurred only the other day while I was working in the Vaccine Institute. A crow happened to bring a dead rat from somewhere and threw it just 3 feet from the place where I was doing my work. This will give you an idea of the conditions and risks under which work has to be carried on at present in the Vaccine Institute and the great danger to which the lymph prepared there is exposed.

Both in the interests of economy and public health,

health, the construction of the new Vaccine Institute and Laboratories can no longer be delayed. I request, therefore, that you will kindly write to Government pointing out the urgent necessity for ordering the immediate construction of the buildings.

" Copy "

J. V. Cunningham

Sanitary Commissioner.

P.H.

164

No. 7794

MYSORE P. W. DEPARTMENT,

CENTRAL OFFICE,

Bangalore,...20th..September..191 2

From

M. VISVESVARAYA, ESQ., M. I. C. E., C.I.E.,

Chief Engineer of Mysore,

Bangalore.

To

DIARY No. 1728.

K.R.Srinivasaiengar,Esq., M.A.,

Offg: Secretary to the Government of

His Highness the Maharaja of Mysore,

General and Revenue Departments.

SIR,

With reference to Government order No.2142-4/Sanity. 27-12-3 dated the 6th September 1912 regarding the construction of the Public Health Institute at Bangalore, I have the honour to request that you will be so good as to return the plans and estimate forwarded with this office no.6555 dated the 6th August 1912 as they are urgently required for reference.

I have the honour to be,

Sir,

Your most obedient servant,

For Chief Engineer of Mysore.

V.N.S.

MYSORE P. W. DEPARTMENT.

No.

From

THE CHIEF ENGINEER OF MYSORE,

Bangalore

To

Dated Bangalore,

Despatched

Enclosure *No.*

SUBJECT.

GPB—1,500—4-8-12

90 Cir. 12

65

G. R. S. 26]

File No. 271

Serial No. 6

Diary No. of letter replied to

Cem

No. 2419
Sanity 27-12-6
Dy 21.9.12.

General and Revenue Secretariat
( )
, the *191* .

To

The Chief Engineer of Mysore

Sir,

Date of issue 21.9.12

Signed by Mr S.P.R.

I am directed to return herewith the plans and estimate for the construction of the Public Health Institute at Bangalore as desired in your letter No. 7794 dated the 20th September 12.

I have &c

for Secretary

2420
Sanity 27-12-6 Dy 21.9.12.

copy forwarded to Sanitary Commr over. &
for information.

SUBJECT.

By order

for Secretary

Cord

List of enclosures.

Copied by

Examined by

GPB—25,000—8-8-11.

7. M. 27-12-7

66

No. 8739
Enc: 6 ✱

MYSORE P. W. DEPARTMENT
CENTRAL OFFICE.

Bangalore, 30th October 1912.

D. 2511

From

~~M. VISVESVARAYA, Esq., C.I.E.,~~
The Chief Engineer of Mysore,
Bangalore.

To

K.R.Srinivasiengar, Esq., M.A.,
Offg.Secretary to the Government of
His Highness the Maharaja of Mysore,
General and Revenue Departments.

Sir,

Adverting to Government Proceedings No.2142-4/San. 27- 12- 3 dated the 6th September 1912, regarding the site for the Public Health Institute, I have the honour to submit herewith a site plan together with rough plans and estimates for the Institute received from the Superintending Engineer, Southern Circle.

2. The site shewn in the plan was suggested by the Senior Surgeon as the most suitable one. It was inspected by the - Members of the Committee appointed for the purpose in the Proceedings quoted above. The members have unanimously approved of it.

3. The number and disposition of the accommodation in the several buildings have been settled in consultation with - - Dr.Srinivasa Rao, the Superintendent.

4. The accompanying report by the Sanitary Engineer gives detailed information about the various buildings required for the Institute and a rough estimate of their cost.

191

MYSORE P. W. DEPARTMENT.

No. 8739.

From

THE CHIEF ENGINEER OF MYSORE,

Bangalore.

To

K. R. Srinivasiengar Esq., M. A.,

Offg: Secretary to the Government of
His Highness the Maharaja of Mys
General and Revenue Departmen

Dated Bangalore, 30th October 1912

Despatched 31st October 1912.

Enclosure No. 6.

SUBJECT.

bmitting a site plan together with
ngle plans and estimates for
e proposed Public Health Institute
Bangalore.

5. It is estimated that an approximate outlay of about Rs 2 lakhs will be needed for the work.

6. Detailed plans and estimates will be prepared on receipt of Government orders as to whether

(1) the site selected meets with their approval and

(2) whether they are prepared to incur an expenditure of about Rs 2 lakhs for the purpose.

7. The Sanitary Commissioner desires that the rough plans and estimate may be placed before the Dewan at a very early date to enab him to obtain the sanction of His Highness the Maharaja to the proje

I have the honour to be,

Sir,

Your most obedient servant,

For Chief Engineer of Mysore.

Enclosures:-
1 Rough estimate.
1 Report.
3 Block Plans.
1 Site Plan.
6

B.V.

(68

Ex 2564
E 1

Office of the Sanitary Commissioner
with the Government of Mysore,

Bangalore dated the..4a.January 1913.

From

Rao Sahib T.V. Arumugam Mudaliar Esq.,
Offg. Sanitary Commissioner with the
Govt. of H.H. the Maharaja of Mysore,
B a n g a l o r e .

DIARY No. 3944

To 1912-1913
SECTION Sanitary
FILE No. 27-12
SERIAL No. 8

K.R. Srinivasa Iyengar Esq., M.A.,
Secretary to the Government of His
Highness the Maharaja of Mysore,
General & Revenue Departments,
B a n g a l o r e .

Sir,

In forwarding herewith copy of letter No. 5 dated the 4th Instant from the Director, Public Health Institute I have the honor to state that suitable buildings for locating the Vaccine Institute are urgently needed in order to ensure the quality of the lymph manufactured and to request that the Government may be moved to sanction at least a partial grant during the current year so that the work may be taken on hand without delay.

I have the honor to be,
Sir,
Your most obedient servant,

T.V. Arumugam

Offg. Sanitary Commissioner.

P.H.

Sanc. O.S.G. 14/13

From 191

The Offg. Sanitary Commissioner
in Mysore, Bangalore.

To

The Secretary to Govt.,
General & Revenue Deptts.,
B a n g a l o r e .

Dated 9th January 1913.

Despatched 10

Received

General No. 2564

No.

Enclosure No. /

Requesting Govt for a partial gran
for the construction of the Vaccin
Institute in a suitable locality.

GPB—5,76,000—6-4-12

Enc WJan 27-12
SL 8

69

Letter No. 5 dated the 4th January 1913 from the Director, Public Health Institute to the Sanitary Commr.

In September 1912, plans and rough estimates for the construction of new buildings for the Public Health Institute including the Vaccine Institute were prepared and the papers are still pending before Government. The buildings for the Vaccine Institute are very urgently needed and the site selected in Basavangudi is well suited for the purpose. The Refrigerating plant arrived in July last and the various pieces of apparatus for the full equipment of the Vaccine Institute have just come from England.. In the absence of suitable buildings these cannot be made use of. The full estimates for the whole Public Health Institute need not be sanctioned just at present. If only a part of the sum say about Rs. 75,000/-, is sanctioned this year, the Vaccine Institute buildings can be begun early and the rest of the money may be sanctioned piece-meal in subsequent years. A few of the recent visitors to the Vaccine Institute, for example, the Sanitary Commissioner to the Government of India, the Sanitary Commissioner to the Government of Panjaub, were all surprised that the preparation of Vaccine against small-pox was being carried on in buildings which have only to be seen to be condemned. I have the honor to request that you will kindly move the Government to give a partial grant for the purpose during the current official year.

" Copy "

Offg. Sanitary Commissioner.

P.H.

170

G.R.S. 201

547

File No. 27-12

Serial No. 9

Diary No. of letter replied to 3944

No. 1468
Sanity 27-12-9
dy 2.8.13.

General and Revenue Secretariat
(Sanitary)
, *the* 19 .

To

The Sanitary Commissioner

Sir,

With reference to Correspondence ending with your letter No 2564 dated the 10th January 1913 requesting early orders ~~in the matter of~~ about Construction of a public Health Institute at Bangalore, I am directed to request you to be so good as to submit as early as practicable ~~a complete~~ Complete information on the following points:-

(1) A clear definition of the

over.

Date of issue 2.8.13.

Signed by [illegible]

[illegible] under dispatch

SUBJECT.

2/

Object of the Institution and the several practical and scientific purposes which it is intended to ~~[illegible]~~ serve.

iii/2 Whether the site on which the Institute is proposed to be built is a Govt. site or a ~~public~~ private property, and if it is a private site, an abstract estimate of ~~the cost~~ the cost of the site ~~and all fastened buildings~~ in addition to that of the building.

Submitted
The approximate cost of the building is estimated at Rs 2,00,000/-

iii/3 An abstract estimate of the Equipment required and the total amount to which the Expenditure would be confined within the next five years.

iv/4. The details of the establishment to be maintained for the next five years, both technical and ordinary and how much of such establishment would be from the departmental staff and how much would have to be newly entertained.

List of enclosures,

v/5. An abstract estimate of the annual recurring expenditure of all kinds in the first year and the

Copied by

Examined by

GPB—10,000—28-2-1.

G.R.S. 27]

GENERAL AND REVENUE SECRETARIAT.

(Continuation sheet draft form.)

The average expenditure within the first five years.

I have &c
Hm
30/7.
for Secretary

Cl. 2. The information to be furnished should be so complete as to prevent all applications for increased expenditure after the scheme is launched and put into working order.

Draw
31/7

The plans & estimates received from the Chief Engineer are sent herewith for reference & return.

I have &c
Dmq.
31/7

well
1/8

Corrige 4/8/13

(23)

Department of Public Health in Mysore.

J 1491

OFFICE OF THE SANITARY COMMISSIONER WITH THE GOVT. OF MYSORE,

Bangalore, dated the 30th August 1913.

No. 1007
ENCS. 6 V/ sets of plans.

J. to 27-12-10

From

P.S. Achyuta Rao Esq.,
Sanitary Commissioner with the Government of His Highness the Maharajah of Mysore, BANGALORE.

To

K.R. Srinivasa Iyengar Esq., M.A.,
Secretary to the Government of His Highness the Maharajah of Mysore, General & Revenue Departments, BANGALORE.

SIR,

With reference to your letter No. 1460 Sany. 27-12-8 dated the 2nd August 1913, I have the honor to state that the Public Health Institute is intended to supplemen and guide the operations carried out for conbating epidemics and the measures adopted for the general improvement of public health in the State. It will work on lines similar to those of the King Institute, Guindy, in regard to Preventive medicine, and will have a Vaccine Branch attached to it for the preparation and issue of vaccine lymph of unquestionable quality. The functions of the Institute fall, broadly speaking, under the following heads:

(a) Chemical analyses

(b) Ordinary micro-biological work comprising the examination of specimens e-g for plague, - human as well as animal - malarial parasites, tubercle bacilli etc; the systemic examination of water supplies etc.

(c) Research work connected with the etiology of diseases; medical entomology or working out the life

Department of Public Health in Mysore

Urgent

From

THE SANITARY COMMISSIONER
IN MYSORE, BANGALORE.

To

THE SECRETARY TO GOVT.,
GEN. & REV. DEPTTS,
BANGALORE.

Dated 30th

Despatched 30 August 1913

Received

General No. 1007

No.

Enclosure, No. 1 memo
1 Reports
1 estimate
1 set of plans
3 Statements

SUBJECT.

Furnishing details in regard to the buildings equipment, Establishment required for the Public Health Institute.

V.B. SOOBBIAH AND SONS, PRINTERS, FORT, BANGALORE—1913.

life histories of mosquitoes, biting flies, ticks, fleas etc.

(d) Preparation of bacterial vaccines for prophylactic use.

(e) Sanitary education - comprising the occasional or periodical publication of leaflets on health subjec contributions in easy Kannada to local papers, the issue of bulletins on the results of research in the Laboratory and the maintenance of a central museum and Library open to the public; and

(f) Work connected with the Vaccine Institute.

The accompanying memorandum furnishes further details. It will be seen that the functions cover a large field and are of a nature very essential to the successful working of the Department of Public Health in the State.

2. The site in Basavangudi Extension on which the Institute is proposed to be built was originally acquired by the Government and when Basavangudi was included within the Municipal limits, it was made over to the Municipality. The Sanitary Engineer, who has prepared the estimate, states that the site can be taken over from the Municipality free of further cost. The cost of the buildings as per estimate prepared is Rs. 2,00,000/-.

3. The accompanying statements I, II, and III furnish the particulars called for in paras 3-5 of your letter. It will be seen that the net excess expenditure for which sanction has to be accorded will be Rs. 15564/- in the first year and Rs. 10460/-, calculated on the average within the first five years.

4. The plans and estimates received are herewith

life histories of mosquitoes, biting flies, ticks, fleas etc.

(d) Preparation of bacterial vaccines for prophylactic use.

(e) Sanitary education - comprising the occasion or periodical publication of leaflets on health subje contributions in easy Kannada to local papers, the issue of bulletins on the results of research in the Laboratory and the maintenance of a central museum ar Library open to the public; and

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4. The plans and estimates received are herewith

herewith returned.

I have the honor to be,
Sir,
Your most obedient servant,

J. J. Asimakis

Sanitary Commissioner.

P.H.

Enc 6 Jan 27-12-10

MEMORANDUM.

The Public Health Institute comprising

(a) the Toxicological Laboratory,

(b) the Public Health Laboratory,

(c) the Bacteriological Laboratory,

(d) the Pathological Laboratory,

(e) the Protozoological Laboratory,

(f) the Vaccine Institute,

(g) the School of Hygiene,

(h) the Public Health Museum and

(i) the Public Health Library

performs the following functions:

(1) Toxicological work for the determination of poisons in medico-legal cases,

This work is already done.

(2) Detection of human blood and spermatazoa in stains,

do

(3) Investigation into the nature of the various poisonous drugs used in India and peculia to the country,

(4) Public Health work consisting of the chemical analyses of waters, sewage and sewage effluents, filtering media, Intoxicating substanc such as fermented liquors, spirits, opium, ganja articles of food and drink for detection of adulteration, medicinal drugs, aerated waters, urine and urinary calculi, etc.,

This work is already done.

(5) Bacteriological work for examination of waters and foods for pathogenic germs, of blood, sputum and excreta for diagnostic purposes, preparation of bacterial autovaccines, examinatio of disinfectants, etc.,

do

Omitting preparation of bacterial autovaccines, & a limited output for examination of blood cases

(6) Pathological work for Examination of Pathological specimens received from Hospitals etc

Enc 65 Jan 27-12-...

MEMORANDUM.

The Public Health Institute comprising

(a) the Toxicological Laboratory,

(b) the Public Health Laboratory,

(c) the Bacteriological Laboratory,

(d) the Pathological Laboratory,

(e) the Protozoological Laboratory,

(f) the Vaccine Institute,

(g) the School of Hygiene,

(h) the Public Health Museum and

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(4) Public Health work consisting of the chemical analyses of waters, sewage and sewage effluents, filtering media, Intoxicating substance such as fermented liquors, spirits, opium, ganja & articles of food and drink for detection of adulteration, medicinal drugs, aerated waters, urine and urinary calculi, etc.,

This work is already done

(5) Bacteriological work for examination of waters and foods for pathogenic germs, of blood, sputum and excreta for diagnostic purposes, preparation of bacterial autovaccines, examination of disinfectants, etc.,

do

Preparation & bacterial Vaccines & a into article for examination of Plague cases

(6) Pathological work for Examination of Pathological specimens received from Hospitals et

There are not many filarial diseases like elephantiasis existing in the Island

(7) Protozoological work in connection with diseases due to Protozoa as distinguished from Bacteria,

(8) Vaccine Institute work viz. preparation of vaccine against small-pox,

(9) School of Hygiene work for the training of Sanitary Inspectors,

(10) Exhibition of articles of Public Health interest in the Public Health Museum,

(11) Keeping a Public Health Library and a Reading Room containing standard and popular works and journals of Public Health Interest,

(12) Giving popular lectures and demonstrations on Public Health subjects.

This is the most important work of the Institute which should be done in collaboration with Health Officers

(13) Conducting experiments in connection with the spread of malaria and plague, determination of the species and genera of malaria-bearing mosquitoes, their breeding grounds, periods of active breeding, measures to counteract the development of mosquito larvae, determination of larvicidal fish, breeding them and distributing them to mosquito-infected localities; determination of the common species of rats, the different kinds of rat fleas, whether rats are subject to chronic plague during the off season when plague is not epidemic, how fresh places become infected anew every year,

(14) Conducting experiments to determine cholera, Typhoid and Dysentery carriers,

(15) Frequent Examination of Public Water supplies where filters have been installed.

(16) Training Medical Officers in Practical Bacteriology.

J. J. Cunningham

Sanitary Commissioner.

P.H.

I

Statement showing details of equipment required for Public Health Institute.

Head	Initial Outlay	Annual recurring expenditure	Remarks.	Encl to Sanction 27-1-14 540
Public Health Laboratory				
Apparatus + Chemicals		3000	Of this amount Rs 2000/- has been provided for in the budget estimate for 1913-14.	
P. N. Library				
Furniture, books + journals	5500	1000		
P. N. Museum				
Show Cases & Exhibits	2500	500		
Vaccine Institute		260		
Total	8000	4760		

Sanitary Commr's office
Calcutta Dated 30th August '13

J. T. Anderson
Sanitary Commissioner
with the Govt

Statement showing details of equipment required for Public Health Institute.

Head	Initial Outlay	Annual recurring expenditure	Remarks.
1. Public Health Laboratory			
Apparatus + Chemicals		3000	Of this amount Rs 2000/- has been provided for in the budget estimate for 1913-14.
2. P.H. Library			
Furniture, books + journals	5500	1000	
3. P.H. Museum			
Show Cases + Exhibits	2500	500	
4. Vaccine Institute		260	
Total	8000	4760	

Encl Jan 27-13
540.

Sanitary Commr's office
Calcutta Dated 30th August '13

J. J. Campbell
Sanitary Commissioner
with Govt

II Statement showing the details of establishment to be maintained for the next five years including the staff to be newly entertained. (79)

	Entire Establishment proposed to be maintained.		Of the staff shown in Col 1 establishment to be newly entertained		Net increase.
1	Director Public Health Institute				Encl to Jan 27 – 12 SL 10
	1 Director (1000)	12000	Head Clerk (50)	600	
	2. Asst Surgeon (250)	3000	Typist (30)	360	
	3. S. A. Surgeon (60+20)	960	Despatcher (25)	300	
	4. Head Clerk (50)	600	Servants:- Revision involving		
	Clerk (30)	360	an increase of 2 men + increased		
	5. Typist (30)	360	Scale of pay to existing men		
	6. Despatcher (25)	300	resulting in a net increase of Rs	456	
	7. Servants:-				
	Attendants 1 (15), 2 (12) & 1 (10)	960			
	Orderlies 3 (8) Sweeper 1 (7)				
	1. Protozoologist (250)	3000	1. Protozoologist (250)	3000	This appointment was not originally recommended in this office letter no 909 S dated 24. 8. 12 but is inserted here as a Protozoologist may be found indispensable as work develops in the Institute
	Total	21540		4716 ~~4356~~	
2	Public Health Laboratory.				
	Laboratory Assistant (80-5-120)	960			
	Mechanic (30)	360	Mechanic (30)	360	
	Attendants 2 (8)	192			

1872

Public Health Museum			
1 Curator (50)	600	1 Curator (50)	600
2 Attendant (8)	96	2 Attendant (8)	96
Total	696		696
Public Health Library			The Curator will also be the Librarian.
1 Librarian		1 Librarian	
2 Attendant (8)	96	2 Attendant (8)	96
Total	96		96
Vaccine Institute			
1 Superintendent } (120) Asst Surgeon 5th Class }	1440	1. Asst Superintendents (2) in place of 2 existing Vaccinators involving an increase of Rs	384
2 Asst Superintendents 1(50) 1(35)	1020	Servants:- Revision of scale involving an increase of 3 men and enhanced pay resulting in a net increase of Rs	312
3. Clerks (25)	300		
4 Servants:- Watchman 1(10) } 3(8) + 2(7), Attendan 1(8) }	672		
Total	3432		696
Grand Total	27276		6564 ~~8844~~

Sanitary Commrs office
Bangalore Dated
30th August '13

J. V. Achuthamakis
Sanitary Commissioner
His Highness Govt.

Rec to 4 Aug 30-12-1

~~75~~ 86

Statement showing the Cholera attacked villages in the Taluk of Jagalur upto 28th June 1912.

	Name of villages	Sources of water supply (drinking purposes) Hakka	Descending wells	Draw wells	Cholera Attacks	Deaths	Remarks (date of last report)
1	Jagalur		▽	O	44	24	27·6·12
2	Bidarkere		▽	O	100	46	27·6·12
3	Uppadarahally		▽	O	7	6	27·6·12
4	Gurusiddhapura		▽		43	17	27·6·12
5	Kalleshwarpura	------			8	5	23·6·12
6	Donehally	------		O	106	60	22·6·12
7	Siddhehally	------		O	12	10	22·6·12
8	Salahally	------			40	16	21·6·12
9	Chikmallanahole	------	▽	O	3	3	18·6·12
10	Kachenahally			O	13	7	17·6·12
11	Sadhanjankote		▽		144	69	17·6·12
12	Hiricarekere			O	18	1	17·6·12
13	Gopalpura	------			7	6	17·6·12
14	Moodalmachikere	------		O	2	1	15·6·12
15	Bilichode			O	40	20	14·6·12
16	Bharmasamudra		▽		18	6	13·6·12
17	Gadimakunte	------		O	20	19	11·6·12
18	Halehally	------			2	2	9·6·12
19	Huchanahipura		▽		70	61	9·6·12
20	Thajitone	------		O	2	2	7·6·12
21	Sokke	------		O	202	127	6·6·12
22	Basavankote	------		O	5	4	31·5·12
23	Doddigi		▽		52	38	27·5·12
24	Pallakatte			O	43	18	24·5·12

25	Dharehally		∇		23	21	23.5.12
26	Akkehally.		∇		42	19	25.5.12
27	Hosakere		∇		4	2.	26.5.12
28	Vurlakatte.		∇		40	38	"
29	Lakkampura.	.....			6	6	10.5.12

B.K. Muthaiswamy(sd)
San Supt.
28.6.12

1.7.12

Abstracted again

IV 69 Pam 1912

1912.

From The President of the Distt Boa
Chitaldrug Distric

To The Secretary
Genl & Rev. Depth.
Bangalore.

Dated
Despatched 6 September 19
Received
General No. 132
No.

Enclosure No. 1.

Requesting sanction
for an allotment of
Rs 20,000/- out of State fun
for sinking draw-well
in the Cholera infected
Villages in the District

GPI—75 reams—25-5-10

P. 132/1

86

Office of the President, District Board,
Chitaldrug District.

Dated Chitaldrug, 3rd September 1912.
4th

From

K. Chandy Esquire B. A.,
President, District Board,
C h i t a l d r u g.

K. R. Srinivasiengar Esquire M. A.,
Officiating Secretary to the Government of
His Highness the Maharaja of Mysore,
General and Revenue Departments,
B a n g a l o r e.

DIARY No. 1538

Section Famine
File No 38-12
Sl 2
Year 1912-13.

I R,

In continuation of my letter No. 96 dated 14th August 1912, requesting that an allotment of Rs. 20,000 may be made from State Funds for sinking draw wells in cholera affected villages in the District, I have the honor to forward herewith a copy of the resolution of the District Board meeting held on the 30th ultimo, urging that the sanctioning of the special allotment referred to in my letter is absolutely necessary and request the favor of your moving Government for passing early orders on the subject in view of a very large number of valuable earning lives being lost from year to year for want of draw wells.

I have the honor to be,
S I R,
Your most obedient servant,
K. Chandy
President, District Board,
Chitaldrug District,

S.V.

En. 6 Sec 38 12—2 89

28

Proceedings of the meeting of the District Board held at Chitaldrug

On Friday the 30th August 1912.

Present. President:- K. Chandy Esquire B. A.

Official Members.

P 1. Mr. C.G. Hanumanaiah, District Medical and Sanitary officer, Chitaldrug.
P 2. " R. Ramaswamy Rao, Assistant Commissioner, Davanagere Sub-Division
P 3. " M.S. Ramachandra Rao, Assistant Commissioner, Chitaldrug Sub-Division
P 4. " M.K. Tirumalachar, B.A. B.L. Deputy Inspector of Schools, Chitaldrug. + Vice President.
P 5. " C. Krishna Iyengar, Executive Engineer, Chitaldrug Division.
6. " X Vice President, ~~Chitaldrug Municipality.~~

Non-Official Members.

P 1. Mr. P. Nanjundappa.
P 2. " Shanbhogue Subbanna.
P 3. " Muttagadur Gurusiddappa.
P 4. Yale Basappa.
P 5. " Channagiri Narayana Chetty.
P 6. " Nerlahalli Sannappa.
P 7. " P. Nagappa.
P 8. " Nagoji Row.
P 9. " Shanbhogue Srinivasa Row.
10. " Abdul Razak.
P 11. " Shanbhogue Rangadasappa.
P 12. " Khubaji Durgappa.
P 13. " Abdul Rahiman Sab.
P 14. " H. Subba Row.
P 15. " Maganahalli Basappa.
P 16. " B. V. Narayana Row.
P 17. " Belagatta Ajjappa.
P 18. " Siddaramiah.

(N. B.) All the Amildars and Deputy Amildars were present Except Sheristadar in charge of Davangere Taluk Molakalmuru.

XIII. Read President's letter No. 96 to Government requesting 14th Aug. 1912 that an allotment of Rs. 20,000 be made from State Funds for sinking draw wells in cholera infected villages.

Resolution:- The Board beg strongly to recommend the above proposal to the favorable consideration of Government in view of the very large number of valuable earning ~~times~~ lives that are being lost from year to year.

(Sd) K. Chandy,

P r e s i d e n t.

" C O P Y ".

K Chandy

President, District Board,

S.V. Chitaldrug District.

T Ex to exam
5978-85 Sanity 3812-3
8.8.243

30
91.

To

The Deputy Commissioners of
Districts

Sir,

With reference to a communication received from the Deputy Commissioner, Chitaldrug District applying for an annual grant of Rs20,000 from Provincial Funds for a period of 5 years to provide draw wells in as many villages of the District as possible with view to primarily prevent the outbreak of cholera in the District, I am directed to observe that the duty of providing such wells primarily rests with the District Boards and that grants from Local Funds General are made, when necessary, to supplement the expenditure incurred by these bodies.

2. In order to prepare a comprehensive programme for the State during the next 5 years, I am desired to ~~request~~ request that particulars in the accompanying statement may be furnished for the information of Government. Any other information needed for drawing up a workable scheme in the matter may also be inserted therein.

3. I am also to request that this matter may be treated as urgent and that a reply be submitted so as to reach the Secretariat by the 25th Instant.

I have, etc.,

Draft. 6/2

Offg. Secretary to Govt.
5/2/43

6/2

Statement showing the number of draw wells to be sunk in ---------- District during the 5 years ending 1917-18.

Taluk 1	No. of villages in which draw wells have to be sunk. 2	No. of draw - wells required 3	Total approximate cost. 4	Cost of earth work to be executed by villagers. 5	Amount that can be made available from District Funds. 6	Remarks. 7
			Rs. As. Ps	Rs. As. Ps	Rs. As. Ps.	
Total						

Deputy Commissioner,

---------- District.

Draft

Dra 6/2

Ll

Owners and tenants to share the cost of earth wells & funds or any other means of water supply. Expenditure whether such a well a Kattai ~~on~~ is private or public construction Rs 2 Rs 2 to Funds & D.F. Council & ~~can~~ can only be ~~expended~~

Statement showing the number of draw wells to be sunk in ... District during the five years ending 1917-18

Revised Statement 6

Taluk	No. of villages in which draw wells have to be sunk	No. of existing wells or tanks or any other source of water supply	No. of draw wells required	Total approximate cost	Cost of earth work to be executed by villagers	Amount that can be made available from District funds	Remarks
1	2	3	4	5	6	7	8

Note ③
Information whether such a well or tank is private or public construction from District funds or 7. General as the case may be should be furnished under the column "Remarks".

③ Note

7/2/17

Deputy Commissioner,
District.

IV 1912 Jan 23/24/1913

1903.

From P. T. Bowring, Esquire
Offg. Deputy Commissioner of
Kolar District

To K. R. Srinivasa Iyengar, Esquire
Offg. Secy. Jeuland Rev. Depts. to A

Dated 17. 2. 1913. Bangalore

Despatched 17.

Received

General No. 635

No.

Enclosure No.

Stating that it may not be possible to submit the information required in Government Order No. 5978-85 Sanctioned 38-12-3 dated 8th February 1913, before the 25th instant.

DIARY NO.
1911-1913
SECTION Sanitary
F.No. 38-12
P. F. 4

No 8914 Office of the Deputy Commissioner 94
Kolar District — Dated 17th February 1913

P. F. Bowring, Esquire
Officiating Deputy Commissioner
Kolar District, Kolar

K. R. Srinivasa Iyengar, Esquire M.A.
Officiating Secretary, General and Revenue Depts
Bangalore

With reference to your letter No S 978-85
Sanity 38-12-3
dated 8th February 1913, requesting to furnish
a comprehensive programme in the matter of
providing draw wells in the District for
prevention of cholera, I have the honor
to state that proposals have been called
for from the Taluk Amildars
Mng to Subject that it
may not be possible to furnish the information
before the 25th instant, as desired by Government

I Shall however try and Submit
it as early as possible.

I have the honor to be
Sir
your most obedient Servant

A- [illegible]

Treasury assistant Commissioner
for Deputy Commissioner & Kolo
y District — absent from State

4.3.13 35/96

3. 26]

File No.

Serial No,

No. of letter replied to

No. 7060-b
Sanity
25.3.13.

ral and Revenue Secretariat
(Sanitary)
the 19 .

f issue

by Mr SPR

To

The Deputy Commissioners of
Districts
(except Tumkur)

Sir,

I am directed to invite your attention to this office letter No 5978-S dated the 8th February 1913 requesting (by the 28th February 1913) early submission of a programme in the matter of providing drinking wells in the District and to request that the information called for therein may be furnished without delay, the matter being treated as immediate.

I have &c

Sdl
for Secretary

over.

SUBJECT.

4/3/13

36

DIARY No. 5139

19/2-1913

...TION Sanitary

...No. 38 - Dated

...5

Office of the Deputy Commissioner

Kadur District.

Chikmagalur 25th February 1913

From

A. Subrahmanya Iyer, Esquire, B.A.,

Deputy Commissioner, Kadur District.

To

K. R. Srinivasaiengar, Esquire, M.A.,

Officiating Secretary to Government

of H. H. the Maharaja of Mysore,

General and Revenue Departments

Bangalore.

Sir,

With reference to your letter No.

5978-85
Sanitary 38-12-3

dated 8th February 1913 Calling for a Statement Showing the number of draw wells to be Sunk in the Villages of the District during the next 5 years, I have the honor to State that details required for incorporation in the Statement have been called for from the amildars and on receipt of them here, the Statement required will be prepared and Submitted.

I have the honor to be,

Sir

your most obedient Servant

Deputy Commissioner

Kadur District

D.

97

IV
2/12 pm Hol 3313

1913

From The Deputy Commissioner
Kadur District

To The Secretary to Government
General and Revenue Department
Bangalore.

Dated 25.2.1913

Despatched 1-3.

Received

General No. 345

No.

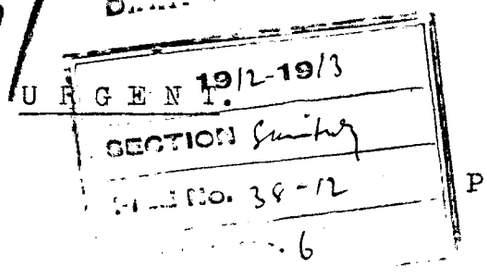
Enclosure No.

Stating that the details
required regarding the Sinking
of draw wells in the villages of
the District will be submitted on
receipt of the details from the
Amildars.

GPB—50,000—26-9-12

39 Dated 5/140

98



Office of the
President of the District Board,
Tumkur District,
Dated Tumkur, 27th February 1913.

From

C.S.Balasundaram Iyer Esqr., B.A.,
President of the District Board,
Tumkur District.

To

K.R.Sreenivasaiengar Esqr., M.A.,
Offg: Secretary to the Government of
His Highness the Maharaja of Mysore,
General and Revenue Departments,
Bangalore.

Sir,

Refferring to your letter No.5978-85/Sanity: 38-12-3 dated the 9th instant requesting to be furnished with certain particulars for the preparation of a comprehensive programme for the State in the matter of providing villges with draw wells, I have the honor to state that the information required will have to be obtained from the Amildars, who in turn will have to collect figures and facts by instituting enquiries in their respective Taluks. This may take a considerable time. The enquiry has been ordered and the results will be furnished as early as possible. To save time, however, and to serve as a basis for immediate action, I forward herewith a statement embodying therein approximate figures calculated on the actual number of draw wells sunk during the past 12 years in this District out of the District Funds, Local Fund General and special grants made during the seasons of distress. I hope that this statement will afford adequate materials for drawing up a comprehensive programme of the kind referred to in your letter.

There are 2923 villages and towns in the District,

To RV. 1/3 BSe 3.3.13

191

From C.S. Balasundaram Iyer Esq BCS
Offg. Dy Commissioner
Tumkur District.

To The Secretary to the
Government of
Mysore, General &
Revenue Department

Dated 27th February 1913

Despatched 28th —Do—

Received

General No.

No. 400

Enclosure No. one

Submits certain information
for drawing up a workable
programme for providing drinking
wells to as many villages as pos-
sible.

GPB—5,76,000—6-4-12

of which 2372 are inhabited. Ten of these are Municipal areas, the water supply of which will be attended to by the respective Municipal bodies.

In the remaining 2362 villages, the principal existing sources of water supply are rivers , irrigation tanks, Gokattes or ponds and wells. Of these the three former though largly resorted to whereever available are not safe sources of supply especially in seasons of Cholera epidemics. Draw wells are comparatively safe and even if infected can be purified without much difficulty. Several parts of the District are subject to periodical visitations of Cholera and it is desirable, nay, imperatively necessary that every village should be provided with at least one draw well. In several villages more than one well would be necessary as the population is collected in detached hamlets ~~are~~ palyas, and caste susceptibilities have to be respected. The excavation of wells for supplying drinking water is one of the most tangible and permanent items of sanitary improvement in rural areas in the existing condition of things.

That the people appreciate the benefits of this measure is clear from the readiness with which they generally come forward to sink one or more trial wells, to bail water during construction and to furnish such other help as they can.

We may therefore take it that for 2362 villages, at least about 3000 wells are required. From figures available in the Office, it is seen that 529 wells have been sunk from District Funds, Local Funds, General grants &c during the period from 1900-01 to 1911-12 and it may be assumed that an equal number of wells has been sunk in the period anterior to 1900-01. These together with private wells in some villages may altogether make 1500 wells, leaving 1500 wells to be excavated in the near future.

The average cost of each well may be taken as

Rupees

Rupees 250/-, out of which Rupees 50/- may be assumed to be the value of earth work to be done by the villagers. This will leave Rupees 200/- per well to be found by Government, and for 1500 wells, the total cost to Government would be 3 lakhs of Rupees.

To meet this expenditure, the District Funds can on an average contribute not more than Rupees 5000/- a year and for some years past a grant of Rupees 1500/- a year is being made from Local Fund, General, and utilised for wells. At the rate of Rupees 6500/- per year, it will take about 46 years to complete the programme. It needs no argument to show that this period equalling the life-time of two generations is too long a time to take to provide the people with such a prime necessity of life as a supply of pure water. It would be well if the programme could be completed say in 20 years at the most. This will mean an expenditure of Rupees 15000/- per year on wells, and, deducting the Rupees 5000/- a year which District Funds can contribute, will necessitate a grant of Rupees 10000/- a year to the District Funds either from Local Fund, General or State Revenues.

If a larger grant can be made available, it will be so much the more desirable and the improvement can be effected so much the sooner.

I would respectfully urge on Government that a grant of 10 or 15 thousand ~~of~~ Rupees per year to each District would amount to only Rupees 80000/- or 1,20,000/- for the whole State and would not be any great strain on the State's finances, considering that the money would be very usefully spent so as to benefit a large portion of the population of the State.

I have the honor to be,

Sir,

Your most obedient servant,

C S Balasundaram Avl Jr

PRESIDENT.

T.B.M.

of which 2372 are inhabited. Ten of these are Municipal areas, the water supply of which will be attended to by the respective Municipal bodies.

In the remaining 2362 villages, the principal existing sources of water supply are rivers , irrigation tanks, Gokattes or ponds and wells. Of these the three former though largly resorted to whereever available are not safe sources of supply especially in seasons of Cholera epidemics. Draw wells are comparatively safe and even if infected can be purified without much difficulty. Several parts of the District are subject to periodical visitations of Cholera and it is desirable, nay, imperatively necessary that every village should be provided with at least one draw well. In several villages more than one well would be necessary as the population is collected in detached hamlets ~~are~~ palyas, and caste susceptibilities have to be respected. The excavation of wells for supplying drinking water is one of the most tangible and permanent items of sanitary improvement in rural areas in the existing condition of things.

That the people appreciate the benefits of this measure is clear from the readiness with which they generally come forward to sink one or more trial wells, to bail water during construction and to furnish such other help as they can.

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The average cost of each well may be taken as

Rupees

100
39

Rupees 250/-, out of which Rupees 50/- may be assumed to be the value of earth work to be done by the villagers. This will leave Rupees 200/- per well to be found by Government, and for 1500 wells, the total cost to Government would be 3 lakhs of Rupees.

To meet this expenditure, the District Funds can on an average contribute not more than Rupees 5000/- a year and for some years past a grant of Rupees 1500/- a year is being made from Local Fund, General and utilised for wells. At the rate of Rupees 6500/- per year, it will take about 46 years to complete the programme. It needs no argument to show that this period equalling the life-time of two generations is too long a time to take to provide the people with such a prime necessity of life as a supply of pure water. It would be well if the programme could be completed say in 20 years at the most. This will mean an expenditure of Rupees 15000/- per year on wells, and, deducting the Rupees 5000/- a year which District Funds can contribute, will necessitate a grant of Rupees 10000/- a year to the District Funds either from Local Fund, General or State Revenues.

If a larger grant can be made available, it will be so much the more desirable and the improvement can be effected so much the sooner.

I would respectfully urge on Government that a grant of 10 or 15 thousand ~~of~~ Rupees per year to each District would amount to only Rupees 80000/- or 1,20,000/- for the whole State and would not be any great strain on the State's finances, considering that the money would be very usefully spent so as to benefit a large portion of the population of the State.

I have the honor to be,

Sir,

Your most obedient servant,

C.S. Balasundaram Ayyar

PRESIDENT.

T.B.M.

Statement showing the number of draw wells to be sunk in the Jumkun District.

District	Number of villages in which draw wells have to be sunk	Number of existing draw-wells		Number of draw-wells required	Total approximate cost.	Cost of Earthwork to be executed by villagers	Amount that can be made available from District Funds	Remarks
		Sunk during the years 1900-01 to 1911-12	Sunk anterior to 1900-01 and private wells					
Jumkun	2372	529	971	1500	375,000	75,000	5000 per year	
		1500						

C.P. Ballesweiler

W 113 25 Jan 28 1/43/13 1913

From

The Hg. Deputy Commissioner,
Chitaldrug District.

To

The Secretary,
Genl & Rev: Depts,
Bangalore

Dated

Despatched 11th March 1913

Received

General No. 383.

No.

Enclosure No.

Stating that the Programme providing draw wells will be sent on receipt of replies from the several Amildars to whom urgent reminders have been sent.

41
383

102

5390

Office of the Deputy Commissioner,
Chitaldrug District.

Dated Chitaldrug, 11th March 1913.

1912-1913
SECTION Sanitary
38-12

From

K. Krishna Iyer Esquire,
Offg: Deputy Commissioner,
C h i t a l d r u g.

To

K. R. Srinivasiengar Esquire M. A.,
Offg: Secretary to the Government of
His Highness the Maharaja of Mysore,
General and Revenue Departments,
B a n g a l o r e.

S I R,

With reference to your reminder letter No.7060-6/ Sanitary 38-12 dated the 5th instant calling for the submission of a programme in the matter of providing draw wells in the District, I have the honor to state that the necessary statistics called for have not yet been furnished by the Amildars of Jagalur, Hiriyur and Holalkere Taluks and Deputy Amildar of Harihar to whom orders and telegrams have again been issued.

2 On receipt of information, the original reference on the subject will be replied.

I have the honor to be,
S I R,
Your most obedient servant,

Offg: Deputy Commissioner,
Chitaldrug District.

S.V.

W 143 1912-13.

From P.R.W.Wetherall Esqr.,

Deputy Commissioner,

Hassan District.

To K.R.Sreenivasa Iyengar Esq, M.A
Offg. Secretary to the Govt.of
H.H. the Maharaja of Mysore,
Genl.. and Rev: Departments,
Bangalore.

Dated 11th. March 1913.

Despatched 13 " Do

Received

General No. 324
No. S.

Enclosure No. Nil.

Subject.

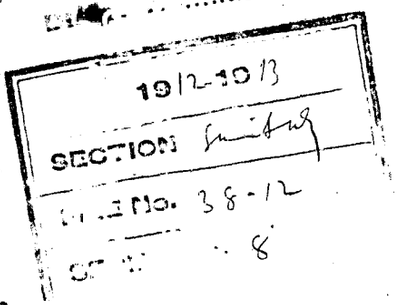
Stating that the programme of well works to be executed in the Hassan District will be submitted after receipt of the information called for from the Amildar of Arsikere Taluk.

GPB—50,000—26-9-12

42

5253

103



1912-13.

Deputy Commissioner's office,
Hassan District.
Dated Hassan, 11th. March 1913.

From,

P.R.W.Wetherall Esqr.,
Deputy Commissioner,
Hassan District.

To,

K.R.Sreenivasa Iyengar Esqr., M.A.,
Offg. Secretary to the Government of
His Highness the Maharaja of Mysore,
General and Revenue Departments,
Bangalore.

Sir,

With reference to your letter No. 7060-6/Sanity38-12 dated 5th. March 1913 requesting immediate submission of the programme in the matter of providing draw wells in the Dis-trict, I have the honour to state that the particulars called for from the Amildar of the Arsikere Taluk have not yet been received. A stringent reminder has again this day been is-sued to the Amildar to submit immediately his report with the necessary particulars and on receipt of the same the pro-gramme called for will be submitted.

I have the honour to be,
Sir,
Your most obedient servant,
M. Sreenivasa Iyengar
Treasury Assistant Commissioner,
For Deputy Commissioner,
Hassan District.

S.V.

(Absent from Head-quarters

compd

12/3 Pol

14.3.13
1913

From The Deputy-Commissioner
Mysore District.

To The Secretary to the Government
of Mysore
Genl & Rev. Depts.

Dated 11th March 1913

Despatched

Received

General No. 513

No.

Enclosure No. 1

Submits Statement showing particulars of wells which are to be provided in the Seven Villages of this Dt. during the next 5 years.

43 513 1

104

Office of the Deputy Commissioner
Mysore District

Dated, Mysore, 11th March 1913.

1912-1913
SECTION Sanity
38-12

From

K.Chandy, Esquire, B.A.,
Deputy Commissioner
Mysore District

To

K.R.Srinivasiengar, Esquire, M.A.,
Secretary to the Government of Mysore
General and Revenue Departments

Sir,

As called for in your letter No.5978-85 Sanity-38-12-3 dated 8th ultimo, I have the honor to submit herewith a statement shewing particulars of wells which are to be provided in the several villages in this District during the next five years. Information as to whether the existing wells are private or public and whether they were constructed from District Funds or Local Funds general, has not been completely furnished by most of the Amildars and full particulars have again been called for. The Amildars in this list have included only villages where scarcity of water is felt and have not generally provided for wells in places where there is water but the source is Kattes, hondas or hallas. As the water sources are the first to get contaminated, the Amildars have been directed to send up a further list including such places also. I beg to state that a supplemental statement will be transmitted to Government as soon as complete information is received from Taluks.

I have the honor to be,
Sir,
Your most obedient servant,

K Chandy

Deputy Commissioner
Mysore District.

Y.G.S.

4 Trench Rocks Sub Total	40	40	41
		✓	✓
Total	620 ✓	1810	639

4/50			11 are Govt. The Subsoil being rocky and the ryots poor, no Earth work can be done by ryots
9.000	200		All water sources are Govt.
13465	1935		(a) Of these 12 are wells of which 9 are private and 3 Govt (Dt. Funds) 2 are ponds which are Govt. 14 are kattes 8 are tanks: 1 kala & 1 halla (b) Earth work has been already done for 7 wells.
7500	300		
8150	(c) 1200		(c) In 14 villages wells have to be newly sunk and in 9 villages wells already sunk by ryots have to be repaired (d) of these 10 are ponds and 200 are wells; 32 Wells are govt. wells constructed from dist. Funds (e) Earth work to the value of Rs 800 has already been done by ryots
12,000	1000		(f) Of these 179 are wells, 40 ponds, 4 tanks & 1 river. These are all public
13,600	1360		
68465	5995		

	2-	595	218
T. Narasipur	50	20	50
Seringapatam	49	(a) 81	49
Krishnarajapete	30	(b) 64	30
Nagamangala	70	(c) 195	70
Mandya	105	(d) 91	105
Malavally	76	(e) 724	76

68465	5755		
20,000	5000		
24,000	5000		(a) In 10 villages there a Pallas, streamlets & rive in 19 villages there are ton made by Ryots: in 16 Vi small shallow Kunteys a Kattes exist and these dry up in Summer: in 6 Villages there are shallow tanks: in 19 villages there are a few private wells sunk by Ryots. There are District Fund Wells in 11 Villages.
6000	1500		(b) 2 Wells.
21,000	7000		(c) 7 Wells 9 Ponds are private, 38 Wells 5 ponds a Govt. constructed from D Funds.
33,250	3150		(d) 64 Wells are Dist Fund and 18 Wells are private, 7 Po are private and 2 are repa from Dist Funds. Hard rock strata of soil appear from ground level say 10' or 15'
20240	6650		(e) 30 Wells are Govt

Impore	16	15	16
Yedatore	22	42	22
3. Hunsur	35	(a) 38	(b) 38
4. Heggadevankote	25	31	25
5. Gundlupete	(c) 23	(d) 210	(c) 23
Chamarajanagar	45	(f) 223	60
7. Nanjangud	34	36	34
	201	595	218

16,400	4100	20	5 2 8
✓	✓		
09355	38,395	50,000	

11th March 1913.
Mopane.

Deputy Commissioner
Mopane District

strict during the next five years.

Tal approximate cost.	Cost of Earth work to be executed by Villagers.	Amount that can be made available from District Funds.	Remarks.

Statement Showing particulars of Wells to be provided in the Dry

Talukas.	No of villages in which draw wells have to be Sunk.	No of existing wells or ponds or any other Source of water Supplies.	No of dr wells requ
			0

44

103

Ene to Sany 38-12-9

IV 19/3 for 18) & 19-3-1913

From

The Offg: Deputy Commissioner,
Chitaldrug District.

To

The Secretary,
Genl & Rev. Depts,
Bangalore.

Dated

Despatched 18th March 1913

Received

General No. 395
No.

Enclosure No. 2

Reporting on the progress of draw wells to be sunk within 5 years ending 1917-18.

GPB—50,000—26-9-12

395/45

Office of the Deputy Commissioner,
Chitaldrug District.
Dated Chitaldrug, 17th March 1913.

From

K. Krishna Iyer Esquire,
Offg: Deputy Commissioner,
DIARY No. 556
Chitaldrug.

To

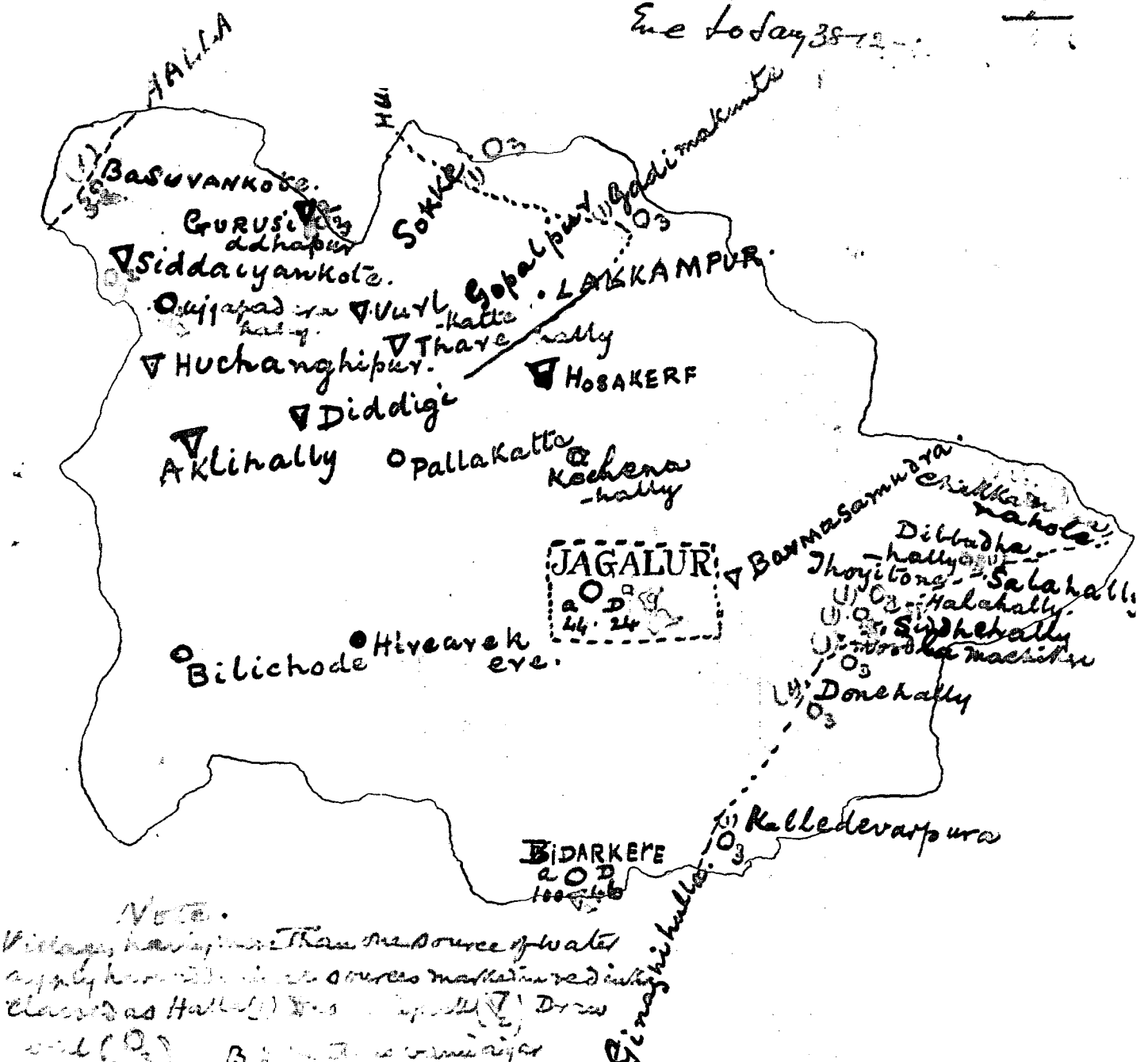
19/2-1913
SECTION K.R. Srinivasiengar Esquire M. A.,
FILE No. 38-12 Offg: Secretary to the Government of
SERIAL No. 14 His Highness the Maharaja of Mysore,
General and Revenue Departments,
Bangalore.

S I R,

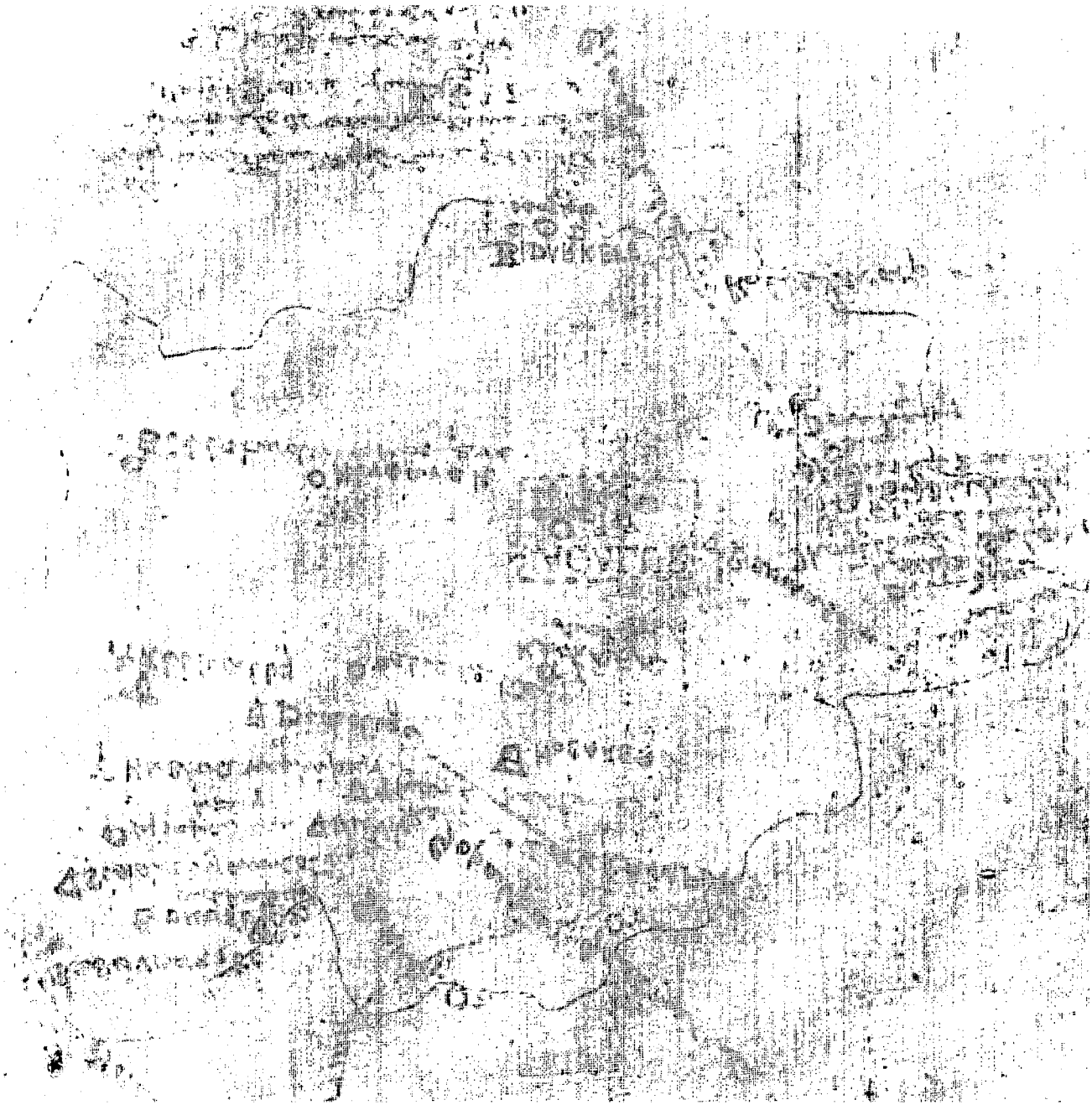
As called for in your letter No.5978-85/Sanitary 28-12-3 dated the 8th February last, I have the honor to submit herewith the statement showing the particulars of draw wells to be sunk in this District during the 5 years ending 1917-18 and to state as follows:-

2 From the enclosed statement it would appear that the number of draw wells required is 433 and the total probable cost of sinking them Rs 1,50,000. Each well costs on an average Rs 375 which is based on information received from the respective Taluks, and also having regard to the labor and materials available in the different localities. The value of earthwork to be executed by the villagers is estimated at Rs 30,000/-.

3 The information furnished in Clause 3 with regard to the number of existing wells or other sources of water supply obtaining in villages appears to be meagre and cannot be relied on as thoroughly accurate. For it is presumed that the Amildars of Taluks could not have visited all the villages and satisfied themselves about the sources of water supply existing therein within the limited time at their disposal for furnishing the information embodied in the statement. The number of villages in which draw


HALLA
Basuvankote.
Gurusi
Siddaiyankote.
Sokke
Gopalpur
Gadimakunte
LAKKAMPUR.
Vuyl
Thave
HUCHANGHIPUR.
HOSAKERE
Diddigi
Aklihally
Pallakatte
Kachena
Bommasamudra
Chikkanahole
Dibbadahally
Jhoyilong
Salahalli
Halahally
Siddhehally
Donehally
JAGALUR
Bilichode
Hiregavekere.
Kalledevarpura
BIDARKERE
Ginnigihalli

Note.



wells have to be dug up may however be taken to be the approximate correct figure as the Amildars generally enquire about the require ments of water supply in each village during their ordinary tours of inspection.

4 After the programme is sanctioned by Government, th Amildars will be directed to inspect all the villages in their Taluks and collect regular statistics relating to the necessity &c of sinking draw wells in individual villages before the scheme wil be worked out.

5 It is very necessary to provide draw wells afresh or to convert the descending wells if any into draw ones in as man villages of the District as possible with a view to primarily preventing the outbreak and spread of cholera & guinea worm also. Th District Board of this District being also alive to the importance of the subject matter have resolved at their meeting held on 10th February 1913 that funds be made available for the purpose to such an extent as may be possible.

6 Considering the finances of the Board, I am of opinion that a sum of Rs 20,000 for five years or Rs 4,000 per annum may be set apart for this special purpose from the District Funds of this District without prejudice to the execution of other ordinary works.

7 Deducting the above sum of Rs 20,000+30,000 (valu of earthwork) from the total capital of Rs 1,50,000 required for sinking 433 draw wells, the balance would come to Rs 1,00,000 whicl grant I solicit, that Government may be pleased to sanction, the expenditure being ordered to be spread over 5 years at 20 thousan rupees a year, so that the poor villagers may enjoy the benefits o pure and wholesome supply of water.

8 A copy of the District Board's resolution in the matter is also submitted herewith.

I have the honor to be,
S I R,
Your most obedient servan

Offg: Deputy Commissione
Chitaldrug District.

S.V.

46/09

X X X X

X X X

X. Letter No.5978-85/Sanitary 38-12-13 dated 8th February 1913 from the General and Revenue Secretary observing that the duty of providing draw wells in cholera infected villages of the District primarily rests with the District Board and also calling for certain further information (in connection with a communication from the Chitaldrug District requesting an annual grant of Rs 20,000 from State Funds to sink draw wells.

The Board resolve that the amount now being utilized for drinking water wells and any other sum that may be obtained by ecomomising may be set apart for the purposes.

(Sd) K. Krishna Iyer,
President.

"COPY".

Offg: Deputy Commissioner,
Chitaldrug District.

S.V.

Enc to Lany 38-72-10. 108 47

Proceedings of the meeting of the District Board held at Chitaldrug on the 10th February 1913.

President:- K. Krishna Iyer Esquire,
President,

Official Members.

1. Mr. C. Hanuman Singh — District Medical and Sanitary officer, Chitaldrug.
2. " T. Rogaboghelu — Assistant Commissioner, Davanagere Sub-Divisio
3. " M. S. Ramachandra Rao — Assistant Commissioner, Chitaldrug Sub-Divisio
4. " M. Thimmaiah — Deputy Inspector of Schools, Chitaldrug.
5. " C. Krishna Iyer — Executive Engineer, Chitaldrug Division.
6. " Rama Sanjeeva Rao — Vice President, ~~Chitaldrug Municipality~~ and Revenue Officer

Non-Official Members.

1. Mr. P. Nanjundappa.
2. " Shanbhogue Subbanna.
3. " Muttagadur Gurusiddappa.
4. Yale Basappa.
5. " Channagiri Narayana Chetty.
6. " Nerlahalli Sannappa. (Dead)
7. " P. Nagappa.
8. " Nagoji Row.
9. " Shanbhogue Srinivasa Row.
10. " Abdul Razak.
11. " Shanbhogue Rangadasappa.
12. " Khubaji Durgappa.
13. " Abdul Rahiman Sab.
14. " H. Subba Row.
15. " Maganahalli Basappa.
16. " B. V. Narayana Row.
17. " Belagatta Ajjappa.
18. " Siddaramiah.

(N. B.) All the Amildars ~~and Deputy Amildar~~ were present except the Amildar of Hiriyur Taluk

Enc to Lr no 38-12-10 49 110

Statement showing the number of draw wells during the 5 years end

Taluk	Number of villages in which draw wells have to be sunk.	Number of existing wells or ponds or any other source of water supply.	Number of draw wells required	Total approx. Cost
Chitaldrug	83	In about a dozen villages noted in Column 2 only Halla water is available for drinking purposes & in the rest there are descending wells (both private & public) which are used for Agricultural & drinking purposes.	83	30,00
Challakere	20	10 wells 4 Hallas 11 rivers	20	6,00
Hiriyur	40	50	40	12,00
Holalkere	60	98	70	21,0
Davangere	25	10 wells (public) 20 do (private) 4, tanks pond	40	16,00
Jagalur	40	Information not yet received from the Taluk.	50	20,0
Holalkalmuru	40	50	40	14,0
Hosadurga	50	146	50	15,000
Harihar	30	44	40	16,00
Total	388		433	1,50,0

to be sunk in the Chitaldrug District
of 1917-18.

Cost of earthwork to be executed by villagers	Amount that can be made available from District Funds	Remarks
5,000		
1,000		
3,000		
4,000		
3,000		
4,000		
3,000		
3,000		
3,000		
29 wells 30,000		

Rs. 20,000 at the rate of Rs 4,000 per year

Off Deputy Commissioner,
Chitaldrug District

24·3

50
111

G.R.S. 26]

File No.

Serial No,

*Diary No. of letter replied to*_____

No. 7511-5
Sanitary 38-12-

General and Revenue Secretariat
(Sanitary)
, *the* *19* .

To 19, 25·3·13.

The Deputy Commissioners of
Bangalore, Kolar, Hassan,
Shimoga & Kadur Districts

Date of issue 25·3·13

Signed by [illegible] IGR

Sir,

I am directed to invite your attention to this office letter No. S 9978-85 dated the 8th February 1913 Sani 38-12-3 and the subsequent reminder, No. 7060-6 dated the 5th March 1913, Sanitary requesting the submission of a programme in the matter of providing drinking wells in the District and to request that the information

over.

SUBJECT.

EX 112

There in called for may be furnished
further
without delay.

I have to

24/8/13

for Secretary

List of enclosures,

Copied by 24/8/13

Examined by 24/8/13

GPB—10,000—28-2-11.

W 283 27

From 27/3/13 191

The Deputy Commissioner
Bangalore Dist.

To

The Secretary to the
Government of
Mysore
Genl & Rev Dept

Dated
Despatched 27/3/13
Received

General No. S475
No.

Enclosure No. 1 Sh

Submits Statement showing
the number of draw wells
to be sunk in the Bangalore
District during the five
years 1917 – 1918.

C475 Statement
Encl 1
52.

B 5804

1912-1913
SECTION

58-12

OFFICE OF THE PRESIDENT,
DISTRICT BOARD, BANGALORE.
Dated, Bangalore 27th March 1913.

From,

B. G. Kumaraswami Naik, Esquire, B.A.

II

President, District Board,
Bangalore District.

To

K. R. Srinivasiengar, Esquire, M.A.
Offg Secretary to the Government of Mysore
General and Revenue Departments
Bangalore.

Sir,

With reference to your letter No: 5978-85/
M 38-12-3 dated 8th ult February 1913, Calling
for the submission of a Statement Showing
the number of draw wells to be sunk in this
District during the next five years, I have
the honor to submit herewith a Statement
showing the particulars for 7 Taluks prepared
on the informations furnished by the Amildars.
The Statements for the other Taluks will be
forwarded as soon as they are received
from the Amildars concerned.

2. The difference between the estimated cost
of the wells and the amount that is likely
to be provided from the District Funds
and private persons in the shape of
earth work or contribution to be supple
mented by a Special grant from the
Local Fund General.

I have the honor to be
Sir,
Your Most Obedient Servant.

President, District Board,
Bangalore District.

tee Bunk in the Bangalore District.

ending 1917–18. Due to Fasly 38-12-11

Total approximate Cost	Cost of earthwork to be executed by villagers	Amount that can be made available from District Fund during the year	Remarks.
5	6	7	8
900	770	1500	4 Government wells & 6 private wells
400	1500	1500	Government wells
500	600	1500	10 Government wells & 15 private wells
000	1200	1500	18 Government (D.F.) wells & 2 private wells
500	1000	1500	The existing source of water supply viz tanks are Govt ones, & wells are private ones. Some of the wells are constructed from D.F., some are private ones.
500	500	1500	15 private ones & the rest Govt ones
100	1490	1500	
the information inspite of this daytees issued to them.			
700	7060	1050	

President, District Board
Bangalore Distt.

W.

Statement showing the number of draw wells during the five years

Taluk	No. of villages in which draw wells have to be sunk	No. of existing wells or ponds or any other source of water supply	No. of draw wells required
1	2	3	4
Doddaballapur	10	10	10
Hankankatti	7	26	7
Magadi	25	25	25
Closepet & Ble Taluk	20	95	20
Anekal	20	25	20
Channapatna	15	200	15
Devanahalli	26	29	26
Bangalore, Hoskote, Nelamangla.	The Amildars have not furnished reminders. A.D.C. reminder		
	123	410	123

Bangalore
27th March 1913

31/3/13 91 2-13.

From P.R.W.Wetherall Esqr.,

Deputy Commissioner,

Hassan District.

To K.R.Sreenivasa Iyengar Esq,M.
Offg. Secretary to the Government
of H.H. the Maharaja of Mysore,
General and Revenue Departments,
Bangalore.

Dated 26th. March 1913.

Despatched 28th —Do—

Received

General No. 341
No. S.

Enclosure No. One.

Subject.

Submitting a statement showing t
number of draw wells which may be provided
Hassan District during the five year
ending 1917-18.

GPB—50,000—26-9-12

5876

115

1912-13.

1912-1913
Section: Sanitary
File No. 38-12
Serial No. 12

Office of the Deputy Commissioner,
Hassan District.
Dated Hassan, 26th. March 13.

From,

P.R.W.Wetherall Esqr.,
Deputy Commissioner,
Hassan District.

To,

K.R.Sreenivasa Iyengar Esqr., M.A.,
Offg. Secretary to the Government of
His Highness the Maharaja of Mysore,
General and Revenue Departments,
Bangalore.

Sir,

Adverting to your letter No. 5978-85 Sany.38-12-3 dated 8th. February 1913 calling for a statement showing the well works to be executed in the Hassan District during the five years ending 1917-18, I have the honour to submit herewith a statement in the prescribed form, showing the required particulars.

2. It may be mentioned here that as a rule, wells sanctioned in one year cannot for various reasons all be completed before the close of the same year. During the course of the execution of works, the nature of the sub-soil is found to vary with the different localities, and sometimes when it consists of hard rock, not anticipated when preparing the original estimates, it not only retards the work, but necessitates the sanction of revised estimates over and above the amount originally sanctioned. Sometimes owing to the paucity of proper and competent contractors in rural parts, the works are much delayed.

Under these circumstances, the works sanctioned in a particular year necessarily get spread over a number of years, and each succeeding year preference has to be given

to the incomplete works of previous years, sanctioning revised estimates wherever necessary, and providing the required -- funds for the same, very often deferring the budgetted works of the years concerned.

4. As the ~~XXXXXX~~ financial condition of the District Funds cannot bear any excess cost over and above that mentioned in Column7 of the statement without prejudice to the recurring charges and cost of other kinds of works, a special grant of Rs17,000/- may be made every year from ~~the~~ Local Funds --- General or other source to supplement the grant of Rs1500/- annually made under this head so as to enable execution of the works shown in the statement during the next five years.

I have the honour to be,

Sir,

Your most obedient servant,

Deputy Commissioner,

Hassan District.

S.R.I.

, District.

ve Sunk in the Hassan District during the

Ene to Sany 38-12-72

Cost of earth work to be executed by villagers	Amount that can be made available from District Funds during the next five years.	Remarks.
6	7	8
3460	6000	Tanks – 24, Kattes – 16, Ponds – 5, River – 1 } All public
Villagers in these parts are not able to do earthwork at their own expense.	6000	Pits in rice fields – 50 (Private)
		Kattes – 20, Descending wells – 15, Tanks – 5 } Public.
1500	4000	Private wells – 15.
		District Fund wells. 13.
5000	6000	All minor tanks.
2900	6000	It is reported that there is no source of water supply to these villages but the people thereof use water from tanks of the neighbouring villages.
5700	4500	District Fund wells – 9.
		Private wells – 20.
1960	4500	District Fund wells – 6.
		Private wells – 14.
1000	3000	Kattes – 19, Pond – 1, River channel 1. } All public.
21520	40000	

P M Williamson

Deputy Commissioner

Hassan District

Hass

Statement showing the number of draw wells te
five years ending 1917 – 1918.

Name of Taluk	Number of villages in which draw wells have to be sunk.	Number of existing wells or ponds or any other Source of water Supply	Number of draw wells re-quired	Total approxi = mat Cost
1	2	3*	4	5
Hassan	46	46	46	15450
Manjerabad	88	90	90	50000
Belur	24	28	24	10000
Arsikere	50	50	50	15000
Channarayapatna	58		58	23200
Holenarsipur	57	29	57	25650
Arkalgud	28	20	28	7000
Alur (Sub Taluk)	21	21	21	7800
Total	372	284	374	154100

Dated Hassan
26th March 1913

H.G.R.

191

From The President-
District Board
Hadan District

To The Secretary to Government
General and Revenue Depart-
-ments in Mysore
Bangalore.

Dated 20.3.13.

Despatched 23

Received

General No. 3910

No.

Enclosure No. 1

Submitting a list showing the names of the villages in the several talluks in this District, where wells are considered to be sunk, dur the next five years out of the L. F. General Grant

GPB—50,000—26-9-12

57 5871

54 118

10/2-1913
Section: Sanitary
File No. 38-12
From 13

Office of the President-
District Board.
Chikamagalur 21.3.13

A. Subramanya Iyer Esq. B.A.
President, District Board
Hadur District

To.

K. B. Sreenivasa Iyengar Esq. M.A.
Secretary to Government General
and Revenue Departments in Mysore
Bangalore.

Sir

As called for in your letter no 5978-85 Sanw 38-12-3 dated the 8th February 1913, I have the honour to submit herewith a list showing the names of the villages of the several Talukas in this District where wells are considered necessary to be sunk during the next five years out of the Local Fund General grant.

I have the honor to be,
Sir,
Your most obedient Servant
[signature]
President
District Board
Hadur District

4	Jawali	There are jungle streams close by	1	1000/-			
5	Hirehelalu	There are jungle streams close by	1	1000/-			
			5	5,000/-			
Jedehally	Near Jedehally Travellers Bungalow.	one well					
	Near the Balehonnur Musabathkara.	one well					
				Not necessary for this Taluk			
Koppa Taluk	—	No wells are required for this Taluk —					
			72	57250	67W	100W	

Abdulmunaf
President
District Board
Kadur District
111

Taluk	8	Karehalli	One well.		300			Private
	9	Linglapur	One well		300	100		Do
	10	Honnenahalli	2 wells and one tank close by.		500			
Hadlur	11	Yeradakere	One well and one tank.	1	800	150		Private
	12	Mallapura Yellambalase Shivka	One well		500			Sunk by ryots Stone revetment necessary.
	13	Keresaulé Lambinagenahally		1	600			Private
	14	Panchanahalli	One well	1	500	200		Private
	15	Hulikere	One Katte	1	500			Do
	16	Nagenahalli	One Katte	1	500			Do
	17	Ankanagatte	One pond one tank	1	500	100		Do
	18	Gowdan Katte Halli	One well	1	400	100		Do
	19	Arehalli	One Katte one well	1 Katte	400	100		Do
	20	Chikanallur	One well	One well	500	100		Do
				11	9350	1050		

Tarikere Taluk

1	Galey Hally	Coramundina Katte	1	800	300		Private
2	Duglapura	Balasekatte	1	500			Do
3	Perumana Halli	Siddarakatte Pond Katte Hole	1	800	300		Government
4	Thyagada Bagy	One old well	1	1000	500		Private
5	gelugere	(Coramundina Kere Agasale Katte)	1	800	300		Government
6	Siddrahally	One breached Katte	1	1500	800		
7	Kenchapura	no well or tank	1	2000	400		There is a small private pond by the side of the road.
8	Kanchanahally	Coramundina Kere.	1	2000	400		Public tank
9	Narsipura	Guddada Kere Natural	1	800	300		Natural
10	Mudigundi	3 Natural tanks of which one is constructed by the Government.	1	700	200		
11	Chelra hally	A Small Konda	1	800	200		Private
12	Gollarhally	Natural tank	1	1000	300		natural
13	Mugali	Halla discharges at a distance	1	1000	300		

		in front of the Village and four wells which contain no water					
14	Attimagai	Parvathavazena here by the side of the Village is breached	1	700	200		
15	Kortikere	Saravatty Katte Government natural Tank.	1	800	300		
16	Thimmapura	Halla	1	800	300		
17	Belhally	A well	1	500	150		
18	Kenchapura	Two natural Creeks.	1	500	100		
19	Rangapura	Honda	1	2000	300		
			13	19000	2,650		
1	Gombidu	One well	1	1000/-			District Funds
2	Bidahally	One well	1	1000/-			Do
3	Halemudgere	There are jungle Streams close by.	1	1000/-			

Mudgere

Chikkamagalur Taluk

30	Chittavalli	Stream Water	1				
31	Aldur	2 wells and one descending well.	2				Government and Private
32	Gullampet hamlet of Settihalli	Pits in the fields	1				
33	Mallandoor	Jungle Stream at a distance	1				
34	Haraltti	Jungle Stream at a distance	1				
			37.	Rs 25,900			

The cost of each well will be Rs 700/-

1	Kodihalli	One well		250	100		Private
2.	Santekerehalli	One well		500			Do
3.	Alagatta	One well		400			Do
4.	Melanahalli	One well.		500	100		Do
5.	Saraswatipur	One pond	1	600			Constructed by the ryots:-
6.	Neelegowdana Koppal.	Channel.	1	400			
7.	Kanagondana-halli	One Katte or pond.		400			This may be conver

15	Pazagondanahalli	1 Descending well.	1	On an average	About ½	Public
16	Kagehalla	From a well at a distance	1			
17	Kalasapura	Tank and one small well.	2			Government
18	Easwarahalli	Tank	1			
19	Woderahalli Hamlet of Easwarahalli	Running water	1			
20	Devagondanahalli	1 Descending well.	1			
21	Kyatharabida	Tank	1			
22	Devarahalli	Halla	1			
23	Bilekalhalli	Descending well	2			
24	Kanchikalli		1			
25	Wastara	Pond. 2 wells	1			Government & Public
26	Kelagani	Stream	1			
27	Jaldhal	one pond	1			Public
28	Jakkanahalli	canal from a jungle stream	1			
29	Kosahalli pet hamlet of Mallimanehatte	one small	1			Private

21

IV 1/4 [illegible] 1.413
1913

From P. J. Bowring, Esquire

Officiating [redacted] & MUNICIPAL BOARDS
KOLAR DISTRICT

To K. R. Srinivasa Iyengar, Esqre M.A.

Secretary to the Government of
His Highness the Maharaja of Mysore,
Dated *General & Revenue Departments,*
Bangalore.
Despatched 29th March 1913

Received

General No. 762
No.

Enclosure No. Nil

Submitting a programme of
draw wells in the district

GPB—1,50,000—20-3-11

DIARY NO. 5925

1912-1913
SECTION Sanitary
FILE 38-12
14

Office of the President of the
District & Municipal Boards
KOLAR DISTRICT.

Dated 29th March 1913.

From,
P. F. Bowring, Esquire,
Officiating PRESIDENT, DIST. & MUNICIPAL BOARDS
KOLAR DISTRICT.

To,
K. R. Srinivasa Iyengar, Esquire, B.A.
Officiating Secretary to the Government of
His Highness the Maharaja of Mysore,
General & Revenue Departments,
Bangalore.

Sir,

Adverting to your letter No: 7511-5 Sanry 38-12 dated 25th instant calling for the Submission of a programme re-providing draw wells in the District, I have the honor to state that information from the marginally noted Amildars has not yet been received and stringent reminders have been issued to them and the Sub-Division Officers have also been asked to expedite their Submission on receipt of which the report, called for will be Submitted.

(1) Kolar
(2) Bowringpet
(3) Mulbagal
(4) Sidlaghatta
(5) Srinivaspur
(6) Chickballapur
(7) Nagepalli

I have the honor to be,
Sir,
Your most obedient Servant.

PRESIDENT, DIST. & MUNICIPAL BOARDS

1913.

From

K. Srinivasa Row, Esquire,

President, District Board,

Shimoga.

To
K.R. Srinivasa Iyengar, Esqr.,M.A
Offg. Secretary to the Government
of Mysore, General and Revenue
Departments. Bangalore.

Dated 31st March 1913.

Despatched 1st April 13.

Received

General No. 168

No.

Enclosure No.

With reference to letter no 5976-85/San 38
regarding the submission
of a programme in the matter
of providing draw wells in
the District during the five
years ending 1917-18,
states that particulars have
not been furnished and on their
receipt the Consolidated pro-
gramme will be submitted.

GPB—50,000—26-9-12

5980

121.

1911-1911
SECTION
FILE No. 38-12
ITEM No. 15

No. 168

From Office of the President of the District Board,

Dated Shimoga, 31st March 1913.

1.4.13.

K. Srinivasa Row, Esquire,

President, District Board,

S h i m o g a,

To

K.R. Srinivasa Iyengar, Esquire, M.A.,

Offg. Secretary to the Government

of Mysore, General and Revenue

Departments. Bangalore.

Sir,

With reference to your reminder No. 7511-5 Sanitary 38-12 dated 25-3-1913 inviting attention to your letter No. 5976-85/San 38-12-3 dated the 8th February 1913 regarding the submission of a programme in the matter of providing draw wells in the District during the Five years ending 1917-18, I have the honour to state that particulars required to be embodied in the statement prescribed have been called for from the Amildars and none has furnished them as yet. Urgent reminders have been issued to them and on receipt of their replies the consolidated programme will be submitted.

I have the honour to be,

Sir,

Your most obedient servant,

G. Hanumanthappa

President, District Board,

S h i m o g a.

D.S.R.

122
61

G.R.S. 26]

3 DPS

File No. 38-12
Serial No. 16

*Diary No. of letter replied to*_____

No. 8043
Samity 38-12-
9.4.13

General and Revenue Secretariat
( )
, *the* 19 .

To

The President of the District Board
Tumkur District

Date of issue 9.4.13

Signed by [illegible]

I have the honour to invite reference to this office letter No. dated the 27th February 1913, and request him to expedite the report therein referred to on the result of the enquiry ordered by him in the matter of providing villages with drinking wells.

By order

for Secretary

over.

SUBJECT.

M 1814

123 62

G.R.S. 26]

File No. 38-12

3 Dfs

Serial No. 17

Diary No. of letter replied to

No. 8044 / Sanity 38-12 dy 9.4.13.

General and Revenue Secretariat

( )

, *the* , 19 .

To

The President of the District Board

Bangalore District.

His No S 475 dated the 27th June 13

Has the honor to request the President to be so good as to forward the information in the matter of providing drinking wells in villages of the marginally noted Hoblis.

Date of issue 9.6.13

Signed by

* Bangalore
Hoskote
Nelamangala

By order

for Secretary

over.

SUBJECT.

List of enclosures;

Copied by

Examined by

GPB—10,000—28-2-11.

124-63

G.R.S. 26]

3045

File No. 38-12

Serial No. 18

*Diary No. of letter replied to*_____

No. 8045
Sanity 38-12
09.4.13

General and Revenue Secretariat

( )

, the 19 ..

To

The Deputy Commissioner

Mysore District

Date of issue 9.4.13

Has the honour to invite his attention to his letter No 513 dated the 11th March 1913, and to request that the submission of the supplementary statement therein promised may be expedited.

Signed by [illegible] X

By order

[illegible]

for Secretary

over.

SUBJECT.

191

From The Deputy Commr, T
Trichur Distn

To The Secretary to
Govt. Genl & Rev Depts

Dated 12. April 1913.

Despatched

Received

General No. 494

No.

Enclosure No.

Re report on the construction of wells in rural areas. state that the same will be submitted after discussion of the matter at the Board meeti

GPB—5,76,000—6-4-12

64

DIARY No. 6234
19/12-1913
SECTION Sanitary
D. No. 38-12
19

125

Office of the President,
District Board, Tumkur District,
Dated Tumkur, 12th April 1913.

No.....

F R O M

V.R. Thyagaraja Iyer Esqr., M.A.,
The President of the District Board,
T U M K U R.

T O

K.R. Srinivasa Iyengar Esqr., M.A.,
Offg: Secretary to the Government of
His Highness the Maharaja of Mysore,
General and Revenue Departments,
B A N G A L O R E.

Sir,

In reply to your docket No. 8043/Sany.38-12-10 dated 9th April 1912 requesting to expediate the report as regards the construction of wells in rural areas, referred to in this office letter No. 400 dated 27th February 1913, I have the honour to state that the reports from the Amildars have not yet been received and that as the matter requires careful scrutiny, I have thought it desirable to give the Sub Division officers and Amildars some more time to give their consideration to the subject and submit their reports in time to enable a discussion of the subject at the District Board Meeting to be held on the 28th May next. If the reports are submitted in time I hope to be able to submit the report before the end of the official year.

I have the honour to be,
Sir,
Your most obedient servant,

From

The Deputy Commissioner
Bangalore District

To

The Secretary to the
Government of Mysore
Genl & Rev Dept

Dated 12 / Bangalore.

Despatched 14-4-13.

Received

General No. S 527.

No.

Enclosure No. 1 Statement

Submits a statement
showing a number of draw
wells to be sunk in Hoskote
Nelamangala, Bangalore
Taluqs, during the next five
years.

65 S 527 En 1 etc

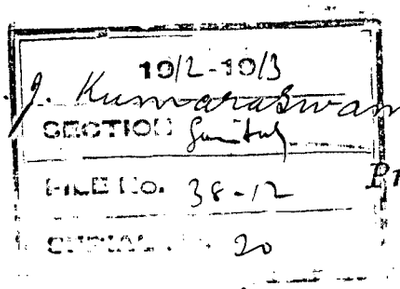
126

OFFICE OF THE PRESIDENT,
DISTRICT BOARD, BANGALORE.
Dated, Bangalore 12th April 1913.

629

DIARY NO.....

From,



B. J. Kumaraswami Naik, Esquire, B.A.
President, District Board,
Bangalore District.

To,

K. R. Srinivasiengar, Esquire, M.A.
Offg Secretary to the Government of Mysore
General and Revenue departments
Bangalore.

Sir,

In continuation of this office letter No: S475 dated 27th March 1913, submitting a Statement showing the No: of draw wells to be sunk in the District during the next five years, I have the honor to submit herewith a Statement showing the particulars of draw wells to be sunk in Hoskote, Nelamangla and Bangalore Talukes.

I have the honor to be
Sir,
Your Most Obedient Servant.

President, District Board,
Bangalore District.

Statement showing the nos: of draw wells to be sunk in the Bangalore District during the five years ending 1917-18.

Taluk	Number of villages in which draw wells to be sunk	Number of existing wells or ponds or any other source of water supply	Number of draw wells required	Total approximate cost	Cost of earth work to be done by Villagers	Amount that can be made available from District Funds	Remarks.
1	2	3	4	5	6	7	8
Bangalore	43	513	43	15,000	2,500	1500	The existing source of water supply are from Government wells (constructed from Local Funds), private wells and from tanks and Kattes etc.
Nelamangla	23	673	23	5750	1150	1000	39 wells are constructed from District Funds & Municipal Funds and the remaining 634 are private ones.
Hosakote	25	not furnished	25	5250	670	1000	All the existing wells etc are reported to be private ones.
	214	1591	214	63900	11380	14000	

Bangalore
12—2—13

President, District Board,
Bangalore District.

128 67

Secd 4

G. R. S. 26]

File No.

Serial No.

Diary No. of letter replied to 6292

No. 85367 Sanity 38-12 92.4.13.

General and Revenue Secretariat

( )

, the *191* .

To

The Deputy Commissioner of Kolar and Shimoga Districts

Sir,

I am directed to invite your attention to this office letter No. S 978-85 dated the 8th February 1913 and the subsequent reminders Nos 7060-6 and 7511-8 dated the 5th [illegible] and 25th March requesting the submission of a programme in the matter of providing drinking wells in the District and to request that the

over.

Date of issue 24.4.13

Signed by [illegible]

K

SUBJECT.

orpd. 24/4 23-4-13

~~15~~ 129

Information therein called for may be furnished without further delay.

I have &c

Ry

2/4/13

~~Inclosure~~

List of enclosures.

Copied by

Examined by

M 2/4

GPB—25,000—8-8-11.

G. R. S. 26]

Sec 5978/13 130

File No.

Serial No.

Diary No. of letter replied to

No. 8930-1
Sanity 38-12
97.5.13.

General and Revenue Secretariat
( )
, *the* 191 .

To

The Deputy Commissioners
Kolar and Shimoga Dts

Has the honor to invite the
Deputy Commissioners' attention
to this office letter No 5978-85
San 38-12-3
dated the 8th February 1913 and to
subsequent reminders Nos 7060-
75 11-5 and 8536-7, dated the
5th & 25th March 1913 & 24th April 1
respectively requesting submiss
of a programme in the matter
providing drain wells in the Dis
and to request that the inform

over.

Date of issue

Signed by Mr J. G. R.

SUBJECT.

131

called for may be furnished
in Court [illegible] delay. The matter being
very urgent

By order

W
5/5/11
Secretary

List of enclosures.

Copied by

Examined by DP 6/5

GPB—25,000—8-8-11.

IV 4/4

5.5.13

1913.

From

The President—
District Board
Shemoga.

To

The Secretary to the
Government of Mysore
Genl & Rev. Department.

Dated 29th April 1913 Bangalore

Despatched 3rd May 1913

Received

General No. 191

No.

Enclosure No. —

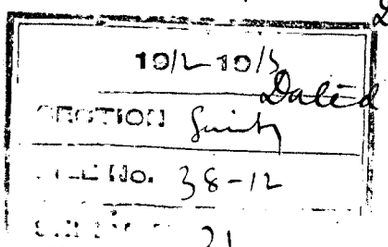
Explains the reason for the delay in submitting the programme in the matter of providing draw-wells in the district during the next five years.

GPB—50,000—26-9-12

No: 191

132

Office of the President—
6802
Dis'trict Board
Shemoga 29th April 1913.
3rd May



From

K. Srinivasa Row Esquire
President—
Dis'trict Board
Shemoga

To,

K. R. Srinivasa Iyengar Esquire M.A
Secretary to the Government of Mysore
General and Revenue Departments
Bangalore.

Sir,

With reference to your reminder no: 8536-7 / Samy 38-12 dated 24th April 1913, Calling for the early Submission of a programme in the matter of providing draw wells in the Dis'trict during the next 5 years, I have the honor to state that the information

information has been called for from the Amildars, And their replies are still awaited.

As soon as the replies are received a Consolidated programme will be submitted as early as practicable

I have the honor to be,
Sir,
Your most obedient Servant

G. Hanumantha Rao
Treasury Assistant Commissioner
for President (absent from station)
District Board, Chenoga

Mlw

134-72

Sec

G. R. S. 26]

File No.

Serial No.

Diary No. of letter replied to

No. 9298-9
Sanity 38-12
922.5.13.

General and Revenue Secretariat
(Sanitary)
, the 191 .

To

The Deputy Commissioners of
Kolar and Chikmagalur Districts

Date of issue 22.5.13.

Signed by for IGR.

Has the honour to invite the
Deputy Commissioners' attention
to this office letter No 5978-85
Sani 38-12-3
dated the 8th February 1913
and subsequent reminders
requesting the submission of
a programme in the matter of
providing drinking wells in the District
and to request that the information
called for may be furnished
without further delay.

By order
for Secretary

SUBJECT.

Jt Rd 4.5.

Copy 8/5/13.

W 264

1903

From The President,
District + Municipal B
Kolar distri

To The Secretary to the Govern
of H. H. the Maharaja of My
General + Revenue departmen

Dated 23rd May 1913.

Despatched 24th May 1913

Received

General No. 987
No.

Enclosure No. One Statemn

Submitting a programm
of drain wells to be provi
during the next 5 years
and stating that about
Rs 14000/- a year should be placed
at the credit of the Board
carry out the same

SANY No. 1...
1912-1913
SECTION Genl
FILE No. 38-12
SERIAL No. 22

Office of the President
District Board
Kolar district

Dated. Kolar 23rd May 1913

From

P. F. Bowring, Esquire,
President,
District & Municipal Boards,
Kolar district.

To

T. Srinivasaiengar, Esquire, M. A.
Offg. Secretary to the Government of
His Highness the Maharajah Mysore,
General & Revenue departments,
Bangalore.

With reference to your letter No. 5978-83
Sany. 38. 12. 3
dated 8th February 1913, calling for a programme in the matter of providing draw wells to the several villages of the District during the next 5 years ending with 1917-18, I have the honor to submit herewith a statement furnishing the necessary details, and to state that provision is made for sinking 487 wells at an approximate cost of Rs 1, 44, 445/- deducting Rs. 31, 391/- for the earthwork to be executed by the villagers the net amount that would be required to carry out the programme will be Rs 1, 13, 054/-.

2. For judging the capacity of the Board to undertake this costly programme, I shall

briefly review its financial position and allow the facts to speak for themselves.

3. The average annual income of the Board from all sources may be estimated at Rs 99500/ with an average recurring expenditure of Rs 83,500/- per year as detailed in the margin. Hence the amount that would be available for original works and repairs to be carried out by the Board will be about Rs 16,000/- only per annum. I am of opinion that at least one half of this amount should be set apart every year for opening Local Fund Roads, repairing existing wells, mucadams, khanas and other public buildings of the Board; consequently the highest amount that the Board could spare for carrying out the programme in question, straining all its resources could not exceed Rs 8000/- a year, though the Board is conscious of its duty and has the greatest sympathy to relieve the suffering public and to improve the general health of the District by providing uncontaminated drinking water to all the villages of the District.

For original works repairs to be carried out by P. W. Dept —	Rs 46000.
For contributions to the medical Dept.	12,000.
For District conservancy, & T. B. Estts	19,800
For Union tax Electors & cattle pound Commission	1,200
For T. A. District Taluk Boards members —	2,000
For lighting lamps in Unions	500
For Plague & Hotera charges	500
For Enforcement and miscellaneous charges	1,500
Total	Rs 83,500

4. Thus it will be seen that the Board under its present financial condition cannot afford to improve the situation to any appreciable extent single-handed, unless Government are pleased to sanction Rs 14,500/- a year from the Local Funds general to make.

programme in question an accomplished fact.

5. Under the above circumstances, and in view of the fact that this District is the 2nd driest district in the Province and that the Board has, further, undertaken during the current year to construct a Railway line from Bowringpet to Kolar at a heavy cost of Rs 4 lacs I request that you will be so good as to place the whole matter before Government, as unless a sum of about Rs 14,000/- can be placed at our credit yearly, for this undertaking it is hardly worth while drawing up a large and comprehensive scheme.

I have the honor to be,

Sir,

Your most obedient servant,

President,

District & municipal Boa

Kolar district

and Wells to be sunk in the Kolar District

18.

Enc to Secy 38-12-22

Total approximate cost	Cost of earthwork to be executed by Villagers	Amount that can be made available from District Funds	Remarks.
1.000	1.500		x All private sources of su
250	4475		—— Do. ——
600	5290		—— Do. ——
725	3645		—— Do. ——
440	3430		—— Do. ——
330	4110		—— Do. ——
000	6200		—— Do. ——
200	601		—— Do. ——
000	1240		—— Do. ——
500			—— Do. ——
400	900		—— Do. ——
445	31391	40554	

DEPUTY COMMISSIONER, and Presidents
KOLAR DISTRICT

Statement showing the number of D
during the five years ending 1917

Taluk	Number of Villages in which Draw wells have to be sunk	Number of existing wells or bunds or any other source of water-supply	Number of Draw wells required	7 a re
Kolar	30	20	30	
Malur	65	57	66	
Bowringpet	73	60	74	
Mulbagal	57	51	57	
Srinivaspur	80	85	80	
Chintamani	50	48	50	
Sidlaghatta	62	60	62	
Chickballapur	9	4	12	
Gauribidnur	23	26	23	
Bagepally	15	19	15	
Gudibanda	18	22	18	
Total	482	452	487	1

139 47

G. R. S. 26]

File No.

Serial No.

Diary No. of letter replied to

No. 9707
Sanity 38-12-3
89.6.13

General and Revenue Secretariat
( )
, *the* 191 .

To

The Deputy Commissioner
Shimoga District

Date of issue 9.6.13

Signed by Mr JGR

R

Has the honor to invite the Deputy Commissioner's attention to this office letter No 5978-85 dated the 8th February 1913 and subsequent reminders requesting the submission of a programme in the matter of providing drinking wells in the District and to request that the information called for may be furnished immediately as the matter is urgent. By order

over

for Director

SUBJECT.

Sd/7/6

1913

From

The President,
Municipal & District Boards.

To The Secretary to the Government of Mysore, Gen'l Rev. Depts. Bangalore

Dated 13th June 1913.

Despatched

Received

General No. 235
No.

Enclosure No. ———

With reference to N-o 9707 Samy 38-12 dated 9th June 1913, states that the Amildars of Shikarpur and Nagar taluks & the Deputy Amildar of Kumsi have not yet furnished the information called for.

GPB—50,000—26·9·12

No. 235 Office of the President, Municipal and District Boards Shimoga,

Dated. Shimoga, 13th June 1913. Sr-38-12-23

D 7922

From

K. Srinivasa Rao, Esquire,
President, Municipal and District Boards. Shimoga

To

K. R. Srinivasa Iyengar, Esquire, M.A.,
Secretary to the Government of Mysore,
General and Revenue Departments.
Bangalore

Sir,

With reference to Your No 9707/Sanitary 38-12-0 dated 9th June 1913, I have the honor to state that the Amildars of Shikarpur and Nagar and the Deputy Amildar of Kumsi have not yet furnished the information called for. Urgent reminders have again been issued this day. A reply will be submitted on their receipt.

I have the honor to be,
Sir,
Your most obedient servant.

for President,
Municipal & District Boards.

Cpa

141 79

No. 492

Genl 38-12-24

Office of the Deputy Commissioner,
Chitaldrug District.
Dated Chitaldrug, 7th June 1913.

D 7921.

From

K. Matthan Esquire, B. A.,
Offg: Deputy Commissioner,
C h i t a l d r u g.

To

K.R. Sreenivasiengar Esquire, M. A.,
Secretary to the Government of
His Highness the Maharaja of Mysore,
General and Revenue Departments,
B a n g a l o r e.

S i r,

I have the honour to advert to the correspondence ending with this office letter No. 395 dated 14/18-3-1913 on the subject of sanctioning a large annual grant to this District for the improvement of the water supply in rural parts, and beg permission to urge one additional reason in support of the claim for such a grant. The great havoc caused by outbreaks of Cholera in the District, due to the absence of a supply of pure water in most parts has been dwelt upon in the previous correspondence. Cholera has now broken out in certain villages of the Hosadruga and Holalkere Taluks, and there is a possibility of its spreading into other parts. But while Cholera is fortunately only an occassional visitor, there is another water borne disease of a malignant nature which is a permanent scourge in several parts of this District. I refer to the Guinea worm disease which prevails largely in the Chitaldrug, Jagalur and Molakalmuru Taluks and in parts of Chellakere, Hiriyur and Davangere. In the Turuvanur and Hire-Guntanur hoblies of the Chitaldrug Taluk and in the Bilichod hobli of the Jagalur Taluk, there is hardly a single village which is not affected and which has not five or ten and in some villages even more than fifty persons suffering from this dire disease.

141 79

No. 492

Genl 38-12-24

Office of the Deputy Commissioner,
Chitaldrug District.
Dated Chitaldrug, 7th June 1913.

From

K. Matthan Esquire, B. A.,
Offg: Deputy Commissioner,
C h i t a l d r u g.

To

K.R. Sreenivasiengar Esquire, M. A.,
Secretary to the Government of
His Highness the Maharaja of Mysore,
General and Revenue Departments,
B a n g a l o r e.

S i r,

I have the honour to advert to the correspondence ending with this office letter No. 395 dated 14/18 - 3 - 1913 on the subject of sanctioning a large annual grant to this District for the improvement of the water supply in rural parts, and beg permission to urge one additional reason in support of the claim for such a grant. The great havoc caused by outbreaks of Cholera in the District, due to the absence of a supply of pure water in most parts has been dwelt upon in the previous correspondence. Cholera has now broken out in certain villages of the Hosadruga and Holalkere Taluks, and there is a possibility of its spreading into other parts. But while Cholera is fortunately only an occassional visitor, there is another water borne disease of a malignant nature which is a permanent scourge in several parts of this District. I refer to the Guinea worm disease which prevails largely in the Chitaldrug, Jagalur and Molakalmuru Taluks and in parts of Chellakere, Hiriyur and Davangere. In the Turuvanur and Hire-Guntanur hoblies of the Chitaldrug Taluk and in the Bilichod hobli of the Jagalur Taluk, there is hardly a single village which is not affected and which has not five or ten and in some villages even more than fifty persons suffering from this dire disease.

2. The nature of this disease and the mode of infection are, I believe, not sufficiently known to non-professional men in places where the disease is not found. As far as I have been able to gather from medical men, the eggs of the worm are swallowed by man in drinking water. They get mature in the intestines and the female worm which when mature may be anything up to 30 inches in length bores her way through the tissues and travelling downwards, reaches a leg or foot - some part of the body which frequently comes in contact with water. Having come to near the skin, the worm pierces the derma. A small blister is formed. This by and by ruptures and discloses a small superficial ulcer of about half an inch or three-fourths of an inch in diameter. At the centre of the ulcer there is a small hole, through which the head of the worm can be seen. The usual practice in these parts is, when the worm shows itself to attach the protruding part to a piece of wood or other substance and attempt to wind the worm out by making a turn or two daily. Sometimes this attempt succeeds, but frequently, the worm snaps, with the result that thousands of eggs escape from the ruptured ends into the tissues and violent inflamation and fever followed by abcess and sloughing, ensue. It may be three months or more - sometimes even one year before the unfortunate victim is able to get about.

3. I do not wish by this harrowing description merely to evoke pit for these unhappy sufferers. I wish also to draw attention to the great economic loss that the prevalence of this disease means to many parts of this District. I have not had sufficient time to collect statistics of this disease, but I am assured that in many villages a large proportion of working men and women are disabled from pursuing their occupations and earning anything. In the small village of Emmehatti in the Chitaldrug Taluk on the borders of the Davangere taluk, where the population consists of industrious Kurubars, who make the well-known Davangere kamblis, I was told that there were as many as fifty people, who were laid up with the guinea worm disease and incapacitated for work.

4. In all the villages where this disease prevails, the source of drinking water supply is generally an old honda which receives th

surface water from the village and in which the villagers, not excluding those who suffer from the guinea worm disease, often wash their hands and feet. In almost every case the water in the honda is thoroughly infected with guinea worms, and I understand that hankanising and other similar measures will not eradicate the infection. It is well-known and generally recognised by the villagers themselves, that even in highly infected villages, those wh get their drinking water from draw wells are free from the disease

5. Clearly the way to combat this disease is to provide draw wells for drinking water in the infected villages, and fill up or other--wise close the hondas. This is a task of such enormous proportions that the District Board cannot undertake it unaided. I therefore strongly urge that the prayer for an annual grant of Rs 20,000 for five years for the improvement of water supply in the rural parts of this district may be very favorably considered. If sanctioned, it will undoubtedly be a measure which will alleviate a great deal of suffering and conduce to the physical well-being, and add to th Economic efficiency of thousands of His Highness the Maharaja's subjects.

6. I should like to add that if a grant of the kind is sanctioned by Government, the principle of contribution may ordinarily be adopted in alloting the grant amongst the various villages, that is to say, grants should be allotted to those villages where the peop come forward with contributions of one-half or one-third of the cost of new wells. Very poor villages and poor communities may of course, be treated in an exceptional manner and the contri--bution may in this case be reduced or waived altogether.

I have the honor to be,

S i r,

Your most obedient servant

Offg. Deputy Commissioner,
Chitaldrug District.

P.S.R.

14482

G.R.S. 26]

SwD

File No.

Serial No,

Diary No. of letter replied to 7921

No. 106
Sanity 38-12-
dy 5.7.13.

General and Revenue Secretariat
( )
, *the* 19 .

To

K. Srinivasa Rao Esqre
President, Municipal &
District Boards, Chitt
Dis

Date of issue 5.7.13

Signed by [illegible]

Sir,

I am directed to invite your attention to this office letter No. 5978-85 dated the 8th February 19[illegible] from 38-12-3 originally noted and the subsequent reminders requesting the submission of a progress report in the matter of providing drain-wells in the District and to request the favour of an immediate reply in the matter as the subject is pend

over.

No. 7060-6 dy 5.3.13
7511-5 dy 25.3.13
8536-7 dy 24.4.13
8830-1 dy 7.5.13.
9298-9 dy 22.5.13
9707 dy 8.6.13

SUBJECT.

~~From a very long time, and in many~~
~~cases~~ Replies have been received from all Distts Except
Shimoga Distt.

List of enclosures,

Copied by

Examined by

GPB—10,000—28-2-11.

W 1617 Jul 16-7-13
1913

From

The President
Shimoga

To

The Secretary to the
Govt. of Mysore.
Genl & Rev. Dept Bangalore

Dated 14th July 1913

Despatched

Received

General No.

No. 7

Enclosure No. 1.

Submits a statement
of draw wells in the District

Title Office of the Pre. and Distt. Boards. 166

Dated Shimoga, 12th July 1913. 7.12.38-12-25

D4524 Sanitary 38-12-25

From

K. Srinivasa Row, Esquire,
President, District and Municipal
Boards, Shimoga.

To

G. N. Narasinga Rao, Esquire, B.A., B.L.,
Deputy Secretary (In charge) to
the Government of Mysore
General and Revenue Department,
Bangalore.

Sir,

I have the honor to submit herewith a statement of draw wells as called for in your No 5978-85 Sanitary 38-12-38 dated 7th February 1913.

I have the honor to be,
Sir,
Your most obedient servant

K Srinivasa Row
President,
District Board
Shimoga

Enc to Lany 38-12-25

Of dcaw wells to be sunk in the Shimoga Dt

ing 1917-18.

Total Approximate Cost	Cost of Earth work to be executed by Villagers	Amount that can be made available from District Funds	Remarks.
20,200	3,950	16,250	
9,920	2,300	7,620	
13,613	3,305	10,308	
22,100	7,850	14,250	
8,550	2,000	6,550	
11,050	2,475	8,575	
4,000	200	3,800	
11,000	2,200	8,800	
8,050	1,700	6,350	
108,483	25,980	82,503	

President

Statement Showing the numb

during the five years

Taluk	Number of Villages in which draw wells have to be Sunk	Number of existing wells or ponds or any other source of water Supply	Number of draw wells required
Shimoga taluk	27	14	23
Chennagiri taluk	24	25	24
Honnalli taluk	26	27	18
Shikarpur taluk	27	110	28
Kumsi Sub taluk	15	20	16
Sorabа taluk	23	23	23
Sagar taluk	11	10	10
Nagar taluk	22	48	22
Thirthalli taluk	20	14	20
Total for the District	195	291	184

Shimoga
12th July 13

From

The President, District Board

Tumkur District.

To

The Secretary to the
Government of Mysore,
Genl & Rev. Departments.

Dated , Tumkur, 5th September '13

Despatched

Received

General No. 94

No. 8

Enclosure No. one.

States the condition of this Dis-
-trict in the matter of the prepara-
-tion of a comprehensive programme for
the State for providing ~~draw-wells~~
the villages with draw-wells

GPB—75 reams—25-5-10

86

148

Office of the Deputy Commissioner
and President, District Board, Tumkur Distt

Dated, Tumkur, 5th September, 1913.

1659
1912-1913
SECTION Famine
FILE No. 38-12
SERIAL No. 26

From.

B.J. Kumarasami Naik, Esq., B.A.,
Deputy Commissioner & President
District Board, Tumkur District.

To

K.R. Srinivasiengar, Esq., M.A.,
Secretary to the Government of
His Highness the Maharaja of Mysore
General and Revenue Department.

Sir,

In continuation of this office numbers 400 dated 28th February 1913 and 494 dated 12th April 1913 regarding the preparation of a comprehensive programme for the State, in the matter of providing villages with draw wells, I have the honour to state, that the information collected from the Amildars, (a consolidated statement of which is herewith submitted) is sufficiently accurate only so far as the first three columns are concerned. These figures are furnished by them out of their local experience. But as regards the information relating to the expenditure and the value of the expected earthwork to be done by the raiyats, it must be said that the estimate is only a rough calculation.

There are in all 2,923 villages in the District, and as has already been reported in my letter No. 400 dated 28th February 1913 561 villages are uninhabited, 10 are Municipal areas and 529 villages have been supplied with wells during the past twelve years, and an equal number during the period anterior to 1900-01, out of District Funds and Local Funds General. There remain 1,300 villages yet to be provided with at least one good drinking water well.

The number of wells that have been recommended by the Amildars to be sanctioned during the course of the next five years is 571(vide statement appended). If these wells be accordingly worked up in five years, it may be possible to give one well to every village in the

District

149 87

District within a space of 15 years.

At present we are giving wells to about 50 villages a year both out of the District Funds allotment as well as out of the Local Funds General grant at a total cost of about 7,000/-, judg--ing by the actual figures of the last year. The finances of the District Board at present are not in a flourishing state and much remains to be done in various directions.

It may however be possible to provide on an average Rs 5,000/- out of the District Funds and with the usual Local Funds General grant, it may come up to Rs 7,000/- so that out of the total ap-proximate cost of Rs. 200000/- proposed to be spent in the course of five years (as per estimate of the Amildars) Rs. 35,000/- may be provided locally and if we could reckon upon the earthwork to be done by the raiyats which itself is estiamted to cost between 50 and 60 thousands it will become necessary for Government to supple--ment the amount by a grant of Rs. 1,00,000/- at an average of Rs. 20,000/- per year.

Considering the importance of the programme, the supplemental grant asked for may not be considered to be much. But difficulty may be felt in working out the annual programme of works with the existing establishment. If the establishment be increased in pro--proportion and grant from Government be made available as proposed above, it will become possible to meet the incessant and clamorous demands of many helpless villgers during the seasons of uncertain rains and epedemics.

I have the honour to be,

Sir,

Your most obedient servant,

CRS

President

150 88

Statement Showing the number of draw wells to be Sunk in the Dharwar District during the five years ending 1917-18.

Taluk	Number of villages in which draw wells have to be sunk	Number of existing ponds or any other sources of water supply *.	Number of draw wells required	Total approximate Cost	Cost of Earthwork to be executed by villagers	Amount that could be made available from District Fund	Remarks.
Dharwar	30	604	30	10,500	3000	1000 x 5 = 35,000 A-00	* The figures under this head do not appear to have been correctly given
Haddagiri	94	250	94	32,900	5,500		
Sirsi	29	84	29	10000	1500		
Siptur	49	49	49	20,000	6000		
Kundagol	34	87	34	10,000	3000		
Kumgal	56	61	56	17000	4000		
Gubbi	111	53	111	45000	6500		
Pavagada	69	82	69	20000	2000		
Chikmaikanhalli	49	43	49	25000	18500		
Dharwar	50	200	50	13000	6000		
Total	571	1575	571	2,00,000	60,000		

Roughly

Deputy Commissioner and President

10/2.9.13.

150-88

Statement showing the number of draw wells to be sunk in the Dharwar District during the five years ending 1917-18.

Taluk	Number of Villages in which draw wells have to be sunk	Number of existing ponds or any other sources of water supply x.	Number of draw wells required	Total approximate Cost	Cost of Earthwork to be executed by Villagers	Amount that could be made available from District Fund	Remarks.
Dharwar	30	604	30	10500	3000		
Hubli	94	250	94	32900	5500		
Kundgol	29	84	29	10000	1500		
Gadag	49	49	49	20000	6000		x. The figures under this head do not appear to have been correctly given
Navalgund	34	87	34	10000	3000		
Kod	56	61	56	17000	4000		
Ron	111	53	111	45000	6500		
Parvagada	69	82	69	20000	2000		
Chikkaikanhalli	49	43	49	25000	18500		
Haveri	50	200	50	13000	6000		
Total	571	1575	571	200000 Roughly	60000	140000 x 5 = 35000	

Deputy Commissioner and President

G. R. S. 26]

File No. 387

Serial No. 27

Diary No. of letter replied to

No. 5-251
Sanity 38-12-27
dy 8.11.13.

General and Revenue Secretariat

( )

, *the* 191 .

To

The Deputy Commissioner
Shimoga District,

Date of issue 8.11.13

Signed by Jwa. V. Ramanathan

Sir,

With reference to your letter No. 7 dated the 14th July 1913 submitting a statement showing the number of draw wells to be provided for the several villages in the District, during the next five years, I am directed to request you to be so good as to state how such a large sum of Rs. 82,503/- can be spared on

over.

SUBJECT.

90 152

account of Well-works when
according to the Sanctioned budget
estimates of the District Board
for the current year the estimated
expenditure of the Board exceeds
the estimated income and provision
has to be made every year on account
of original urgent works in addition
to incomplete works.

~~In these circumstances~~ I am also
to ~~state~~ request you to be so
good as to state what sum exactly
~~will~~ the District Board will be able to
~~set apart~~ for the work in question
during the next five years, taking into
consideration the several Calls on them
pressing

I have &c

~~Hon~~
~~Secretary~~

List of enclosures,

Nil
4/11

Copied by 192
7/11
Examined by

GPB—25,000—8-8-11.

2 Sanity 153-91

G. R. S. 26]

File No. 38-12

Serial No. 28

Diary No. of letter replied to

No. 5252-9
Sanity 38-12-

General and Revenue Secretariat
( )
, the 191 .

To 6.8.11.13.

The Presidents of the
District Boards.

Date of issue 6.11.13

Sir,

Signed by Mr A. V. Ramanathan

With reference to your letter No. * dated
regarding the programme for
providing drinking wells in the
several villages of the District,
during the next five years, I
am directed to enquire whether
the cost of the earth work to be
* as specified in your letter
done by the villagers is proposed
to be recovered from them in the

over.

	No. & date of reference	Cost of earth work to be executed by villagers
Bangalore District	No. 4758 27.3.13	Rs 11380
Kolar "	No. 987 & 23.5.13	3139 1
Tumkur "	No. 948 & 5.9.13	60,000
Mysore "	No. 513 & 11.3.13	38395
Hassan "	No. 341 & 26.3.13	Rs 21,520
Shimoga "	No. 78 & 4.7.13	Rs 25980
Kadur "	391 & 20.3.13	Rs 6,700
Chitaldrug "	No. 3958 & 17.3.13	(Rs 29,000)
	Total	Rs 2,24,366

SUBJECT.

92 154

shall of money, and if so, whether
this same can be done, ~~[illegible]~~,
~~[illegible]~~ so as to ensure the
works being pushed on to completion
without delay. ~~I am to~~ As the past experience seems to weigh against such an anticipation, the grounds underlying the present conclusion may be given in detail.

I am also to request you
to be so good as to state whether
the works in question can be
executed in time by the normal
agency employed by the District
Board and if not what proposals
you would suggest in the matter

I have the

Hon
Secretary
Govt

Govt
1/11/13

List of enclosures,

Copied by KB 7/11/13

Examined by

GPB—25,000—8-8-11.

191

From

The President, District
Board, Kadur District.

To

The Secretary to Government, Ge
-neral and Revenue Departments
in Mysore, Bangalore.

Dated 14th

Despatched 17 November 1913.

Received

General No. 246.

No.

Enclosure No. One

Submitting the details called for
re. the programme for providing dra
wells during the next 5 years.

GPB—50,000—8-1-13

D 2914

Office of the President,

District Board,

Dated, Chiekmagalur, 14th November 13.

7 Ag 38-12-29

7 Ag 38-12

From

K.Krishna Iyer, Esquire,

President, District Board,

Kadur District.

To

K.R.Sreenivasa Iyengar, Esquire, M.A

Secretary to Government, General and Revenue,

Departments, in Mysore, Bangalore.

Sir

With reference to your letter No. 5252-9/San 38-12-2 dated 8-11-1913 calling for certain details regarding the pro-gramme for providing draw wells in the several villages of the District during the next 5 years, I have the honor to state that the points raised in your letter under advertence were fully dis-cussed in the District Board Meeting held on 12-11-1913 and the Board expressed it as their opinion that the cost of the earth-work to be done by the villagers as specified in my letter no.--391 dated 20-3-1913 may be recovered from the ryots in shape of money and that the well works be started only in places where the full amount of contribution expected from the ryots has been paid up and that it will be quite possible to get the well works done

156 94

done by the existing establishment employed by the District Board

2 A copy of the District Board's resolution is herein enclos-

-ed for reference.

3 I agree with the opinion expressed by the Board.

I have the honor to be,

Sir,

Your most obedient Servant,

President, District Board,

Kadur District.

C.M.K

156 94

done by the existing establishment employed by the District Board

2 A copy of the District Board's resolution is herein enclos-
-ed for reference.

3 I agree with the opinion expressed by the Board.

I have the honor to be,

Sir,

Your most obedient Servant,

President, District Board,

Kadur District

M.K

Enc to Secy 38-12-29 157 G/5

K A D U R D I S T R I C T.

Proceedings of the meeting of the District Board convened on Wednesday the 12th day of November 1913.

Present, K.Krishna Iyer, Esquire, President.

EX-OFFICIO-MEMBERS.

P R E S E N T.

2. Mr. M.Krishna Swami Iyengar, Sub Divisional Assistant Commry.
3. Mr. Narsinga Rao Purnayya, Treasury Assistant Commissioner,
4. Mr. G.S.David, District Medical Officer.
5. Mr. Samuel. District Sanitary Officer.
6. Mr. Narayana Rao, Deputy Inspector of Schools.

A B S E N T.

7. Mr. K.Ponnappa, Executive Engineer.

NON-OFFICIAL-MEMBERS.

P R E S E N T.

8. Mr. Davood Sab.
9. Mr. H.Krishna Rao.
10. Mr. C.Sreenivasa Rao.
11. Mr. S.N.Chokkanna.
12. Mr. Yejman Ramabhatta
13. Mr. Patnagere Ranganna
14. Mr. Purdappa.
15. Mr. Sidde Gowda.

A B S E N T.

16. Mr. Kunnalu Kesavamurti.
17. Mr. T.Narsim Iyengar.
18. Mr. Baba Sab.
19. Mr. I. Santhappa Setti.
20. Mr. H.Watson.
21. Mr. H.Pilkington.
22. Mr. Patre Veerappa.
23. Mr. Baggavalli Guru Ra
24. Mr. Javally Ganasha Ra Rao
25. Mr. Tarikere Sreenivas
26. Mr. F.M.Hamilton.

X X X X

X X X

158 96

VII. READ:-

Letter No. 5252-9/Sanitary 38-12-28 dated 8-11-13 calling for information as to whether the works proposed in the programme of well works for the next 5 years can be executed in time by the normal agency employed by the District Board, and if not, what proposals will be suggested in the matter etc.

RESOLUTION:- Resolved that a reply be sent stating that it will be quite possible to get the well work done by the existing Establishment and that the well would only be started in places when alone the Ryots have paid up fully their Contribution.

Sd/ K.Krishna Iyer

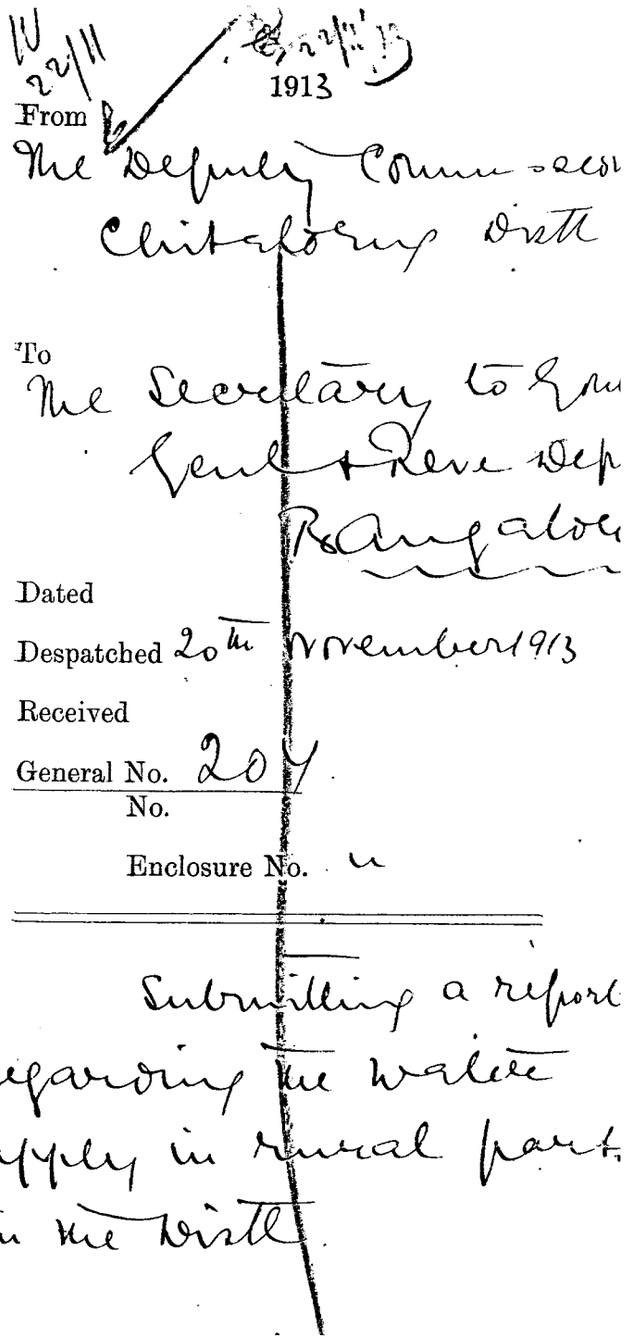
President, District Board,

" C O P Y "

President, District Board,

Kadur District.

C.M.K



1913

From

The Deputy Commissioner
Chitaldrug Distt

To

The Secretary to Govt
Revenue Dept
Bangalore

Dated

Despatched 20th November 1913

Received

General No. 204

No.

Enclosure No. 11

Subject

Submitting a report
regarding the water
supply in rural parts
in the Distt.

GPB—50,000—8-1-13

NO 207 97 Fm 38-12-30

D 2980

159

Office of the Deputy Commissioner,
Chitaldrug District.
Dated Chitaldrug, 20th November 1913.

From

V. R. Thyagaraja Iyer Esquire M.A.,
Deputy Commissioner,
C h i t a l d r u g.

To

K. R. Srinivasiengar Esquire M.A.,
Secretary to the Government of
H. H. the Maharaja of Mysore,
Genl: and Rev: Departments,
B a n g a l o r e.

S I R,

In reply to your letter No.5252-9/Sani 38-12-28 dated the 8th November 1913 regarding water supply in rural parts, I have the honor to state that the probable value of the earthwork that may be done by the ryots has been estimated at Rs. 30,000 by the Amildars of the respective Taluks. Regular statistics in respect of wells to be sunk in individual villages of each Taluk were not then gathered by the Amildars as already stated in this office letter No. 595 dated 17th March 1913.

2. There have been certain instances in this District in which ryots have come forward to help the District Board either by money or labour contributions whenever wells were excavated. In the light of this experience the Amildars have perhaps anticipated the value of earthwork expected of the ryots at Rs. 30,000 and it is considered that contributions to that extent may be forthcoming prior to the well works being put on hand. It is feared that if the villagers are asked to contribute in the shape of money the total amount may fall short of this expectation, for ryots always find it easy to contribute their mite in labour.

3. The value of earthwork expected of ryots is on an average taken to be about Rs. 70 for each well or Rs. 30,000 for 433 wells.

160

4. Before the scheme is worked out the Amildars will be directed to collect regular statistics about the needs of wells in individual villages and also to consult the wishes of people as to whether they would contribute in the shape of money or labour and it is not now possible to furnish any further particulars with regard to the elaborate scheme in question. After the grant applied for is kindly sanctioned by the Government the needful will be done in the matter.

5. With regard to the agency for executing the work I beg to state that the existing staff employed with the District Board can manage as the number of wells to be sunk in each Taluk may be on an average 10 per year. If any particular Taluk the number be large the District Sub-Overseer's services also may be requisitioned and the works completed without delay.

6. As however Science and art of well-sinking are progressing every year and as it is necessary to prevent waste of money in sinking shallow wells which run dry in the hot weather, I would suggest that the work should be supervised by an expert Overseer who should be stationed at the Head Quarters of the District and should constantly tour in the tracts where the wells are sunk by the ordinary staff of the District Board.

Vide (a) Notes on underground water resources in Mysore by Dr. Smeeth, 1911.

(b) Manual of irrigation wells by Mr. Molony I.C.S.1907. (United Provinces).

(c) Improved system of boring or testing for water for agricultural and drinking purposes by Pandit Matadansukul 1910.

(d) Experiments with the water finder of Messrs. Mansfield & Co.,

(e) Well boring for water, brine and oil by C. Isler 1902.

(f) Madras Government Order No.1080/L dated 26th June 1913 about protected wells.

I have the honor to be,

S I R,

Your most obedient servant,

Deputy Commissioner,
Chitaldrug District.

S.V.

191

From

The President, District Board,

Tumkur District.

To

The Secretary to the Govt.
of Mysore,
General & Revenue Depts.,

Dated, Tumkur, 12th December 1913

Despatched 15

Received

General No. 235

No. 3

Enclosure No. —

Furnishing detailed information regarding the programme for providing draw-wells in the several villages of the District during the next five years, as called for, and pointing out the desirability of strengthening the establishments of the District Board.

GPB—50,000—8-1-13

7. M 38-12-3)

161 97

D 3424

Office of the President, District Board,
Tumkur District,
Dated, Tumkur, 12th December 1913.

From.

B.J. Kumarasami Naik, Esq., B.A.,
President, District Board,
Tumkur District.

To.

K.R. Srinivasiengar, Esq., M.A.,
Secretary to the Government of H.H. the
Maharaja of Mysore, General & Revenue Deptts.,

Sir,

In reply to your letter No. 5252-9/Sany.738-12-28 dated the 8th November 1913 calling for some detailed information on certain points in connection with the programme for providing draw-wells in the several villages of the District during the next five years, sub-mitted with this office letter No. 94 dated the 5th September 1913, I have the honour to state that the earth work valued at Rs. 60,000 refer-red to in the report is expected to be done by the raiyats themselves without their having to contribute the amount in the shape of money - an arrangement which would be difficult to the raiyat to pay and for the Government to collect during these hard days.

2. It has already been submitted in my letter under reference that this figure is only approximate in the belief that the earth work can be got done by the raiyats themselves. Further in the list prepared Talukwar, only such villages have been selected where the raiyats are willing to do the earth work themselves or the raiyats are likely to execute the earth work first and then apply to Government for help.

3. With regard to the 2nd para of your letter under reference, I beg to state that that point has also been touched in my letter above referred to. There is but one Sanitary Inspector working in each Taluk at present and his primary duties - and this has been more than once so insisted upon by the Sanitary Department - are the conservancy and sanitation in towns and villages generally and during seasons of epidemics to see to the proper evacuation, disinfection and sanitation of the infected villages also. Further, it may not be possible for him to attend to other public works, though perhaps the sinking of drinking water

T0/163

the executive staff alluded to in the report.

I have the honour to be,

Sir,

Your most obedient servant,

P r e s i d e n t.

2nd

water wells may properly come under the category of his legitimate duties. At present only three or four well works are taken up per year in a Taluk and it is very rare that even these works are pushe on to completion before the end of the year, so that, any additiona burden on him would mean the swelling of the annual list of incom--plete works. For this reason, it would be absolutely necessary to have one trained Work Inspector also attached to a Taluk and his salary may be fixed at Rs. 20 ÷ 7 per mensem.

4. Further at present, there is no proper check by trained depart--mental hands over these men either by way of scrutinizing the estimates and plans prepared by them or by inspecting the work turned out by them frequently and at the various stages of the pro--gress of the work. Neither the estimates nor the bills are prepar--ed carefully and very frequently the work turned out is either bad or indifferent. This necessitates the employment of ~~the~~ a responsible officer of the grade of an Assistant Engineer to supervise the public works done under the supervision of the Sanitary In--spectors, who may be held responsible for the correctness, accuracy and appropriateness of the works planned, undertaken or worked out. I have already addressed the Government on this subject in my let--ter No. 61 dated the 6th August 1913 and the employment of such a hand either solely under the District Board or in conjunction with the Marhamat Department is highly desirable.

5. Lastly as more work would be thrown upon the President's office, its strength may also have to be increased by at least one hand.

6. As regards the question of funds, it would be necessary, per--haps, to state here, the source from which the cost of the pro--posed extra establishment has to be met. It would be but just to expect the District Board to bear the cost of the entertainment of the extra hand in the President's office. But considering the finances of the Board and the liberal attitude that Government has taken towards this important and useful subject benefitting a large portion of the population of the State, it would be but right to expect the Government itself to bear the cost of maintaining

the

164-102

No S. 61. Dated 6th August 1913.

From The President, District Board
Trichinopoly District.

To The Secy to Govt of M. the Marumuthu &
Rayyur Fund & Rev. Depts.

Sir, In reply to your letter No 10292-9 Ls.
301-12 dated 26th June 1913 calling for a
suitable scheme in the matter of the appointmen
of an Assistant Engineer to supervise District Fund
works, I have the honor to forward herewith a
copy of the Resolution of the Board passed at its
meeting held on the 29th ultimo, on the subject in
question.

The Board is anxious to have the
services of an Assistant Engineer to supervise
the District Fund works and thus to push on the works
more vigorously and efficiently than hitherto. The
Amildars amidst their multifarious duties may
not find time to check the works accurately and to
give the necessary skilled directions during the ex
cution of the work. They have to depend mostly on
the Sanitary Inspectors. The appointment of an
Assistant Engineer may therefore be given a fair trial.

But as the funds of the Board are meagre
the request of the Board to have the services of an
Officer free of cost to them is fair. He may, also,
be put in charge of the District Maramat works.

Like the District Overseer who is at present
Supervising the Maramat work under the
Deputy Commissioner but who is paid out of the funds

103 165

of the Department of Public Works the proposed Assistant Engineer should be placed under the President, District Board.

J Lee

Ed) B. J. Keasbey
Asst. Comr.

For President, absent from Station.

1913-14.

From P.R.W.Wetherall Esqr.,

President, District Board, Hassan

To K.R.Sreenivasa Iyengar Esqr,
M.A.,
Secretary to the Government
of H.H. the Maharaja of Mysore,
General and Revenue Departments,
Bangalore.

Dated 19th. December 1913.

Despatched 23rd do

Received

General No. 229

No. S

Enclosure No. Nil

Subject.

Furnishing particulars regarding the programme for providing draw wells in the Hassan District during the next five years.

GPB—50,000—8-1-13

104 7.M-38-12-32 166

D 35-87

1913-14.

Office of the President,
District Board, Hassan.
Dated Hassan, 19th. December 13.

From,

P.R.W.Wetherall Esqr.,
President, District Board
Hassan.

To,

K.R.Sreenivasa Iyengar Esqr., M.A.,
Secretary to the Government of
His Highness the Maharaja of Mysore,
General and Revenue Departments,
Bangalore.

Sir,

With reference to your letter No. 5252-9/Sanity38-12-28 dated 8th. November 1913 enquiring whether the cost of the earth work to be done by the villagers to the draw wells included in the programme, is proposed to be recovered from them in shape of money etc., I have the honour to state that the cost of earthwork is not proposed to be recovered in cash from the ryots. The amount entered in column 6 of the statement is the estimated cost of earthwork to be done by the villagers who are in earnest and in actual urgent need of drinking water wells in the rural parts of the Dis-trict but there may be a very few instances in which the recovery of the cost of earthwork will be in shape of money.

2. Considering the fact that providing good drinking water is one of the best and most important sanitary measures to be adopted for prevention and suppression of outbreak of epidemic diseases, it has been arranged to set apart a ma-jor portion of the allotment in the budget programme of each year under Public Works for sinking and revetting wells, preference being generally given to the wells the earthwork of which has either been executed by the villagers or the cost thereof has been paid by them as contribution.

If a special grant of Rs17,000/- be sanctioned each year

167-105

year from Local Funds General or from other Provincial Funds to supplement the usual grant of Rs1500/- provided from Local Funds General each year (vide para 4 of this office letter No. 341 dated 26th. March 1913) the well works mentioned in the list therewith submitted may be expected to be got through within the above period of five years by the existing agency employed by the Dis-trict Board.

I have the honour to be,

Sir,

Your most obedient servant,

President, District Board,

Hassan.

S.V.

167-105

year from Local Funds General or from other Provincial Funds to supplement the usual grant of Rs1500/- provided from Local Funds General each year (vide para 4 of this office letter No. 341 dated 26th. March 1913) as the well works mentioned in the list therewith submitted may be expected to be got through within the above period of five years by the existing agency employed by the Dis-trict Board.

I have the honour to be,

Sir,

Your most obedient servant,

President, District Board,

Hassan.

S.V.

W.P. 1/4

191

From

The Deputy Commissioner

Banpara Distt

To

The Secretary to Govt

General & Rev Dept

Dated 30-3-14

Despatched 31-3-14

Received

General No. 01799.

No.

Enclosure No.

Re the programme for
providing drinking wells
during next five years
to prevent the spread
of Cholera

106

S799.

168

Office of the President, District Board.
Bangalore District,
Dated, Bangalore, 30th March, 1914.
31

From D5614

K.Chandy, Esquire, B.A.,
President, District Board,
Bangalore District.

F.No.38-12-33

To

K.R.Srinivasiengar, Esq., M.A.,
Secretary to the Government of Mysore,
General and Revenue Departments.

Sir,

In continuation of this office No.638 dated the 19th February 1914 regarding the programme for providing draw wells during next five years to prevent the spread of cholera, I have the honor to state as follows:-

The Amildars of Anekal, Hoskote and Kankanhalli Taluks report that the ryots themselves will do the earth work and that the work will be supervised by the District Board agency.

The Amildar of Magadi reports that the villagers of Chowdi-Begur have executed a mutchalika to the effect that the contribution amount will be paid by them in cash and that the other villagers will do the earth work themselves; the work will be supervised by the District Board agency.

The Amildar of Nelamangala Taluk reports that some of the ryots have agreed to pay contribution in cash and that the others will do the earth work themselves. The work will be supervised by the District Board agency.

The Amildar of the Bangalore Taluk reports that it is not possible to recover contribution in cash from the ryots and that only the ryots of Holenakere have paid the contribution. The said contribution has been kept in the deposit.

The Amildar of Devanahalli Taluk reports that some of the well-to-do ryots will pay contribution in cash; that some others will do the earth work themselves, and that the rest, who are very poor, cannot afford either to pay contribution or to do the earth

169 107

earth work themselves; the work will be supervised by the District Board agency.

The Amildar of Dodballapur Taluk reports that it is ascertained that the villagers of Malavalli and Mensigahalli cannot afford either to pay contribution or to do the earth work themselves and that the others will do the earth work themselves.

The Deputy Amildar of Closepet Taluk reports that the contribution amount may be recovered from the ryots if works be sanctioned and that the work will be supervised by the District Board agency.

The Amildar of Chennapatana Taluk has not furnished the information in spite of 4 reminders. He has again this day been directed to furnish the required information together with the explanation for the inordinate delay in its submission.

I have the honor to be,

Sir,

Your most obedient servant,

K. Chandy

President, District Board,

Bangalore District.

R.N.P.

3/4pr 1914

191

From

The Deputy Commissioner
Bangalore District

To

The Secretary to Government
General & Rev Depts

Dated

Despatched 2-4-14

Received

General No. 1808.
No.

Enclosure No.

Re the programme of providing
draw wells during next five
years to prevent the spread
of Cholera.

GPP—50,000—26-9-12

170

Office of the President, District Board,

Bangalore District,

Bangalore, Dated, 2nd April, 1914.

From

K.Chandy, Esquire, B.A.,

President, District Board,

Bangalore District.

Jud 38-12-33 A

D5663

To

K.R.Srinivasiengar, Esq., M.A.,

Secretary to the Government of Mysore,

General and Revenue Departments.

Sir,

In continuation of this office No.799 dated 31st March 1914 regarding the Programme of providing 6 draw wells during the next five years to prevent the spread of Cholera, I have the honour to state that the Amildar of the Chennaptana Taluk reports that the amount of contribution may be ~~recorded~~ received in cash if the works are sanctioned and that the work will be supervised by the District Board agency.

I have the honour to be,

Sir,

Your most obedient servant,

President, District Board,

Bangalore District.

D.N.P.

W 1615 1914

From

The President, District Board,
Shimoga.

To
The Offg. Secretary to the Governmen
of Mysore, General and Revenue Depart
ments Bangalore.

Dated 15th May 1914.

Despatched

Received

General No. 289

No.

Enclosure No.

Submits proposals regarding the provision of deep wells for drink water wells.

GPB—50,000—26-9-12

No.289

Office of the President, District Board,
Dated Shimoga, 15th May 1914.

From D6703 7-38-12-34

K. Matthan, Esquire, B.A.,
President, District Board
S h i m o g a.

To

D.M. Narasinga Rao, Esquire, B.A., B.L.,
Offg. Secretary to the Government of Mysore,
General and Revenue Departments.
Bangalore.

Sir,

With reference to your letter No. 5252-9-Sany 38-12-28 dated 8th November 1913 regarding the provision of draw wells for drinking water in villages, I have the honour to state that the cost of earthwork to be done by the villagers is intended to be recovered either in cash or in the shape of labour. In the maidan parts of the District, contributions will generally be in the shape of labour, while in the malnad parts it would as a rule be in cash.

2. Where cash is paid, it is of course voluntary and it is difficult to say whether the contributions will always come in rapidly enough for all the works in view to be pushed on to completion without delay. The experience of the past has been that while people have been ready to do the earth work, ~~and~~ the District Board has not always been able, owing to paucity of funds, to contribute the balance of cost; but if the District Board is now to have sufficient funds at its command, the position will soon be reversed. In the first year or two, ryots may contribute money or labour as fast as the District Board is able to take up the works, but after that there will be many villages left

where

where ryots will be unwilling or unable to contribute anything.

3. Another point has to be mentioned in this connection + According to the scheme indicated in the present correspondence wells are to be provided by the District Board in places where the villagers contribute the earth work either in cash or in the shape of labour. The cost of earth work may be roughly put down as about one-third of the total cost of the work. According to the system of grants-in-aid under the Village Improvement Scheme, under which also a large number of wells will be taken up, the ryot's contribution is to be one=half of the total cost during the current year and two-thirds in future. Again, under the Malnad Improvement Scheme, it will be in the discretion of the Committee to provide drinking water wells in villages even though the villagers give no contribution. These schemes overlap to some extent, and the people of each village will generally hold out for the adoption , in their particular case, of the system which is most advantageous to them. In order to Co-ordinate the work under all these three systems it seems to me to be desirable to hand over all the funds which the Government are prepared to contribute for this purpose to the District Boards concerned, and leave it to the Boards to spend them in the most advantageous manner, laying it down as a direction that preference should be given to the villagers where the people come forward with half the cost.

4. Lastly as to the agency for carrying out the works, the existing District Board Staff consists of Sanitary and Assistant Sanitary Inspectors, not more than one in each Taluk, and they have to attend to both District Fund and Municipal Works(In some Taluks in this District there are no Sanitary Inspectors in spite of advertisements). The existing staff is quite inadequate for giving effect to an active programme of well constructions. A special staff should in my opinion be employed. Men who have

experience

where ryots will be unwilling or unable to contribute anything.

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experience

experience of constructing wells are not everywhere found, and many are the instances in which public funds have been spent to no purpose on account of well works being taken up and attempted to be executed by untrained agency. I think it is very necessary that a special agency should be employed for this purpose in every District.

I have the honour to be,

Sir,

Your Most Obedient servant,

President,

District Board,

Shimoga.

D.S.R.

IV 1615

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From K. Matthan Esquire, B.A.

Deputy Commissioner,

Shimoga District.

To

D.M. Narasinga Rao Esq.B.A.B

Offg. Secretary to Governm
General and Rev. Depts,
Bangalore.

Dated

Despatched 15th May 1914.

Received

General No. 290
No.

Enclosure No.

Submits proposals regardin the programme of drinking water wells.

112

154

D 6723

No. 290

Office of the Deputy Commissioner,
Shimoga District,
Dated Shimoga, 15th May 1914.

7.4-38-12-35

From

K. Matthan Esquire, B.A.
Deputy Commissioner, Shimoga District.

To

D.M. Narasinga Rao Esquire, B.A.,B.L.
Offg. Secretary to Government,
General and Revenue Departments,
BANGALORE.

Sir,

With reference to your letter No. 5251/Sanitary 38-12-27 dated 8th November 1913 in regard to the provision of funds by the District Board, for the construction of drinking water wells, I have the honor to state that it is impossible for the District Board to spare Rs 82,503 for this purpose during the next 5 years.

The provision of more drinking water wells in the District is however a matter of great importance and urgency, and I am of opinion that the District Board should make larger provision for this in its annual budgets than it has done in the past. Accordingly at its meeting held on the 20th December 1913, the Board has resolved to provide Rs 5000/- a year for sinking draw wells.

It is found that the annual expenditure on account of

of wells out of District Funds for the 5 years ending 1912-13 was only Rs. 3145 on the average. In the budget for the next year a sum of rupees 6,423/- has been provided for this purpose.

As pointed out in your letter under reply, there is very little margin between the annual income and expenditure of the District Board and the Board has various important calls on its purse to meet. More dispensaries and midwives have to be provided; the maintenance of the existing roads which is now in a deplorable condition has to be put on a proper basis; more roads have to be constructed for opening out the interior parts of the District, and although it is hoped that the Government may be pleased to contribute the whole or a portion of the initial cost of making these roads, their annual maintenance must fall on the District Board.

In these circumstances, it does not appear to be possible for the District Board to devote more than Rs. 5,000/- a year for this purpose and I strongly urge that the Government should be pleased to allot a sum of not less than Rs. 15,000/- a year for the next 5 years as a grant-in-aid to the District Board. This together with Rs. 5,000/- a year allotted from the Board's own funds and about Rs. 5,000/- a year which is hoped to be recovered from ryots in the shape of cash or labour will make a total of Rs. 25,000/- a year for this purpose.

I have the honor to be,

Sir,

Your most obedient servant,

Deputy Commissioner,

Shimoga District.

A.H.

No. 6855

IV 21/5 P 191 4/5

From

The Deputy Commissioner &
President District Board
Mysore.

To

The Secretary to Government
Genl & Rev. Departments.

Dated 19th May 1914.

Despatched 19

Received

General No. 822

No.

Enclosure No.

Forwards his information in the matter of providing wells in rural parts during the next 5 years.

—

114

176

No 822

Office of the Deputy Commissioner
Mysore District
Dated Mysore 19th May 1914.

From

F. No 38-12-38

A. Subramanya Iyer, Esquire, B. A.
Deputy Commissioner
Mysore District.

D 6836

To

D.M. Narasinga Rao, Esquire, B.A.B.L.
Offg. Secretary to the Government of
H.H. the Maharaja of Mysore
General and Revenue Departments.

Sir,

With reference to your letter No.5252-9 Sanity 38-12-28 dated 8.11.13 and subsequent reminders thereon calling for information in the matter of providing wells in rural parts during the next five years whether 1. the cost of earth work to be done by the villagers can be recovered from them in the shape of money and (2) the normal agency employed by the District Board is sufficient for the execution of these works, I have the honor to state that the majority of the Amildars of this District are of opinion that it is not possible to recover cash contribution from the ryots and that the existing staff is sufficient for the purpose. It is also proposed that well works may be started only in such villages where ryots do the earth work first or pay their contribution in cash in advance.

I have the honor to be
sir,
your most obedient servant

M.G. Mekkes
Asst. to Deputy Commissioner
Deputy Commissioner & President
District Board, Mysore.

(Absent from Head Quarters)

1914

From

P. F. Bowring Esquire., J. P.,
President, Dt. & Municipal Boards,
Kolar District.

To

The Secretary to the Govern-
ment of His Highness the Maha-
raja of Mysore General Revenue
Departments - Bangalore

Dated 12th July 1914.

Despatched 15th July 1914.

Received

General No. 76.

No.

Enclosure No. one Statement.

Subject

Submitting a detailed Statement from which it can be seen that the Villagers agree to pay Money Contribution of Rs 4770/= for carrying out the Earthwork of 74 Draw wells and to Contribute Labour estimated at Rs 8195 in the Case of 123 wells -

GPB—50,000—26-9-12

115

D692

77

OFFICE OF THE PRESIDENT, DISTRICT & MUNICIPAL BOARDS,
KOLAR DISTRICT,

No 96

Dated Camp Chintamani, 12th July 1914.

Enclosure Statement.

Sany. 38-12-37.

FROM

P. F. BOWRING, ESQUIRE., J. P.,
President, District & Municipal Boards,
Kolar District.

To

D.M.Narasinga Rao Esquire, B.A.B.L.,
Offg. Secretary to the Government of Mysore,
Bangalore.

SIR,

With reference to your letter No.5252-9/Sany 38-12-28 dated 8th November 1913, enquiring whether the cost of earthwork to be executed by villagers for providing Draw Wells to the several villages in this District could be recovered from them in the shape of money &c., I have the honor to submit herewith a detailed statement from which it can be seen that the villagers agree to pay money contribution (Viz., Rs.4770) for carrying ~~them~~ out the earthwork of 74 wells and to contribute labour estimated at Rs.8195 in the case of 123 wells. The Amildars have obtained and submitted the muchilikas of the villagers concerned, and I hope that there will not be much difficulty in collecting the money contributions or getting labour from them in time, as the water scarcity in villages is very keenly felt in these days of scanty rainfall.

2. Further, a list of the well works to be carried out in each year will be drawn up in communication with the Amildars in proportion to the grants sanctioned by Government and necessary safeguards will be adopted to

push through those works to completion within the year, as far as possible.

3. Regarding para 2 of your letter under reply, I beg to state that, in my opinion, the existing executive staff could not carry out these works satisfactorily and I would suggest that an Assistant Engineer with requisite staff may kindly be sanctioned to this District, as already recommended by me in my letter No.302 dated 1st September 1913. This arrangement will further help me in carrying out the Programme of constructing new Roads.

I have the honor to be ,

Sir,

Your most obedient servant,

Treasury Assistant Commissioner,
For President, District Board,
Kolar District.
(absent from station)

K.A.V.

Carried out by Villagers, for Draw Wells, proposed 17
Districts

Villagers.				
agreed agers	Total as per Columns 5 and 7 of the statement submitted with this office letter No. 987 dated 24-5-1913.			Ene to Sany 38-12-37
Amount	No. of wells	Amount.		Remarks.
550	30	1500		
1875	66	4475		Necessary Muchalikas have
2050	74	5290		been obtained from the
2150	57	3645		Villagers Concerned through
1700	80	3430		the Amildars.
3320	50	4110		
5725	62	6200		
126	12	601		
380	23	1240		
-	15	-		
550	18	900		
8426	487	31391		

D. A. Bond

President
District Board
Kolaba District.

Statement Showing the Cost of Earth work to b
to be sunk in the several Villages of the Kolar D

	Name of Taluks.	Earth work to be executed by					
		Cost agreed to by villagers				Cost not	
		By cash payment		By Labour		to by vil	
		No of wells	Amount	No of wells	Amount	No of wells	
1	Kolar	3	150	16	800	11	
2	Kalur	19	1205	22	1395	25	
3	Baringpet	21	1490	23	1750	30	
4	Chulbagal	4	300	18	1195	35	
5	Srinivaspur	1	50	29	1680	50	
6	Chintamani	8	590	2	200	40	
7	Sidlaghatta	1	75	4	400	57	
8	Chikballapur	2	90	4	385	6	
9	Goribidnur	9	520	4	340	10	
10	Bagepalli	-	-	-	-	-	
11	Gudibanda	6	300	1	50	11	
	Total	74	4770	123	8195	275	

PROCEEDINGS OF THE GOVERNMENT OF HIS HIGHNESS THE MAHARAJA OF MYSORE.

Read:-

Letter No 96 dated the 14th - August 1912, from the Deputy Commissioner, Chitaldrug district requesting sanction from State funds to an annual grant of Rs 20,000 for a period of five years, for providing draw wells in as many villages of the district as possible with a view to prevent epidemic of cholera in the district, as the District Board is unable to meet the cost in question though it is a legitimate charge on its funds.

2. Letter No 2828 dated the 15th January 1914, from the Sanitary Commissioner recommending an annual grant of - one lakh of rupees from Provincial Funds for the improvement of existing water - supply in villages in the several districts.

3. Communications from the Deputy

Commissioners of districts furnishing information as to the number of draw wells to be sunk in the districts, during the next five years, the approximate cost involved, the cost of earth work to be executed by the villagers and the amount that can be made available from the district funds for the purpose.

Order thereon No: 5248-59 Sanity 38-12

Dated, Bangalore the 6/1/15 ~~December 1914.~~

As more than nine-tenths of the population in the State live in villages

The improvement of ~~rural~~ water supplies is a ~~sanitary~~ measure of great importance for the purity of rural areas ~~as more than nine-tenths of the population in the State live in villages~~. The chief sources of ~~water~~ supply in each ~~rural~~ areas at present are, wells, tanks, stream rivers and irrigation channels. Of these draw wells are best ~~but~~ suited to villages as they can be more easily protected from contamination than other sources of water supply.

2. The duty of providing good water supply in villages rests primarily on the District Boards concerned. Under the ex- existing practice, the cost of stone work is contributed by the District Board, the earth work being done by the villagers. From the statements received from the Deputy Commissioners of Districts it is observed that the number of new draw wells required in all the districts is about --- 3,000 and the cost is estimated at about - 11 lakhs. The amount made available from District funds for contributions to works of this character does not exceed on the average Rs 47,000 annually and taking -- the cost of earth work done by the ryots as equal in amount, it will not be possible according to the arrangements now - in force to undertake more than a limited number of such works every year, without a special State grant.

3. Out of the two lakhs of rupees annually provided for village Improvement,

half a lakh may be made available for sinking and improving wells and a similar amount is now spent from District funds. In addition to this, Government have decided to make a special grant of one lakh of rupees annually for a period of three years for sinking and improving drinking water wells and have already provided this amount in the current year's budget. The total amount of grant from State and other funds will thus be 2 Lakhs and if an equal amount of contribution is received from the villagers either in cash or in the shape of labour, there should be no difficulty in carrying out all the well works required in about 3 or 4 years' time.

4. In order to facilitate the execution of an expensive programme of these works and the utilization of funds to the greatest advantage the following measures are necessary.

(1) Preparation and maintenance

f a correct up-to-date list of drinking
ater wells required to be sunk or impro-
ed in each taluk arranged in the order of
rgency and importance with complete infor
ation as to the contribution which the --
yots are prepared to pay and whether in -
ash or in the shape of labour.

(2) Selection of the more ur-
gent wells to be undertaken each year at -
the commencement of each official year and
the preparation of a regular working pro-
gramme according to which the works will -
be carried out.

(3) Maintenance of a list of --
wells and statement of works to be execu-
ted during the year for the whole district
in the offices of the Deputy Commissioner,
for the sub-division in that of the Sub-
division office and for the taluk in that
of the Amildar with clear instructions as
to the responsibility of each officer ~~to~~ -
give effect to the programme ~~so as to at-~~
~~tain the best possible~~ results.

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125

(4) Progress reports of the -- work done should be obtained every month and checked in the District and the Sub-Division offices. These reports should - also be placed before the meeting of the District and Taluk Boards.

(5) As far as possible no well should be sanctioned unless the villagers concerned contribute half the cost but in exceptional cases where owing to the p-- poverty of the population or other sufficient cause such as the well being required for the benefit of the depressed ~~and other backward~~ classes, the entire amount of contribution cannot be raised discretion will be given to the presidents of District Board to relax the condition. A list of cases in which an exception has been made should be submitted to Government.

(6) The ~~Deputy Commissioners~~ Presidents of the District Boards are requested to give wide publicity throughout the villages in the State to the ~~grant provided by Government~~ facilities now given to villagers to provide themselves with wells and ~~and~~ to induce the people ~~induce villagers~~ to raise the necessary ---

funds to meet their share of the cost of constructing the well.

(7) The question of providing each district with proper boring apparatus so that investment of money on wells likely to prove failures may be avoided - is engaging the attention of ~~the~~ Government but until a cheap and effective apparatus is devised for the purpose local - officers will be expected to exercise -- great care in the selection of sites for wells and before any costly work is commenced, the depth at which water may be - found should wherever possible be ascertained by trial pits. The Chief Engineer is requested to furnish Presidents of District Boards with a few simple suggestions for selecting suitable sites for wells. -- Special attention should be paid in selecting the site to allow of the well being protected from contamination ~~by the~~ from the flow of drainage water, and household sullage into it and (of the adoption of) other ~~necessary~~ sanitary

precautions ~~being adopted~~.

~~8~~ (8) The special allotment of one lakh will be treated as a contribution to the Local Funds and a quarterly statement of the wells sanctioned, the amount utilized, the amount of contribution raised by the villagers should be submitted to Government.

(9) The sinking of ~~the~~ wells should be as far as possible entrusted to the local village agency and where this is not possible arrangements may be made to get the work done by local contractors. The presidents of District and Local Boards are expected to see that the work is properly executed and no bills are paid unless the work has been checked by a responsible officer.

(10) Each well as soon as it is constructed should be protected by a suitable parapet and all necessary precau-

tions taken to keep the water free from contamination.

(11) The Chief Engineer is re by 31st March next and submit quested to prepare a set of simple instructions for sinking drinking water wells with and supply suitable type designs for wells of different kinds.

(12) The Sanitary Commissioner - is ~~also~~ requested to submit ~~prepare~~ a few rules which may be distributed to village committees to help the villagers to maintain village water supplies in a state of purity and free from pollution.

(13) The Presidents of District with Boards ~~are requested to~~ intimate at an -- early date the amount required in each district out of the current year's allotment and ~~to~~ take effective steps to utilize the grants placed at their disposal. The

allotment required for the next year may be intimated before the end of March.

For Offg. Secretary to Government.

To

The Sanitary Commissioner in Mysore.

The Deputy Commissioners of Districts and Presidents of the Municipal -- and District Boards.

The Chief Engineer in Mysore.

The Revenue Commissioner in Mysore.

C N C